



DEPARTMENT OF THE AIR FORCE  
WASHINGTON, DC

Office Of The Assistant Secretary

19 May 2010

MEMORANDUM FOR: SAF/FM

FROM: SAF/FMC

SUBJECT: Request to Terminate For Official Use Only (FOUO) Markings

1. We respectfully request approval to remove the subject markings on the following documents.

USAF Summaries 1976/77/79/80/81/82/83/84/85 – Remove FOUO markings

USAF Summary 1978

- (1) Remove FOUO markings
- (2) Remove Statement: "This material contains information affecting the national defense of the United States and transmission or revelation of which in any manner to unauthorized persons is prohibited by law."

2. Current circumstances indicate the information no longer requires the protection from public disclosure and our organization would like to allow these documents to be made available on a public reading room website sponsored by Ms. Helen T. Kiss, Air Force History Office via the Defense Technical Information Center. The Air Force Declassification Office reviewed these documents and determined that they, in fact, can be considered unclassified and releasable.

3. These documents no longer meet the criteria assigned to protect documents under Exemptions 2-9 as indicated in DoD 5400.7, AF SUP 1, DoD Freedom of Information Act Program.

4. My Point of Contact for this request is Major Eli V. Brown, SAF/FMCE, e-mail: [Eli.Brown@pentagon.af.mil](mailto:Eli.Brown@pentagon.af.mil), DSN: 225-5076, Commercial: 703-695-5076.

  
RICHARD K. HARTLEY  
Deputy Assistant Secretary  
(Cost and Economics)

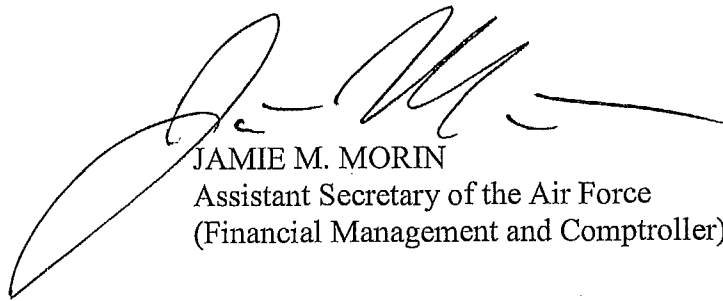
Attachments:

1. AFDO Memo, Dated 1 April 2010
2. USAF Summary (Cover sheets) dated: 1976 - 1985
3. DoD 5400.7, AF Supplement 1, DoD FOIA Program  
(C4.5.1 – Termination of FOUO markings and Exemptions 2-9)

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE <b>1981</b>		2. REPORT TYPE		3. DATES COVERED <b>00-00-1981 to 00-00-1981</b>	
4. TITLE AND SUBTITLE <b>United States Air Force Summary, Seventh Edition</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>Managment Information Division, Directorate of Management Analysis, Comptroller of the Air Force, Headquarters, USAF, Washington, DC, 20330</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT <b>Same as Report (SAR)</b>	18. NUMBER OF PAGES <b>108</b>	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>			

1<sup>st</sup> Ind, SAF/FM

Concur/Nonconcur



JAMIE M. MORIN  
Assistant Secretary of the Air Force  
(Financial Management and Comptroller)



DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

April 1, 2010

MEMORANDUM FOR AF/HOH (MS. HELEN T. KISS)

FROM: Air Force Declassification Office  
1720 Air Force Pentagon  
Washington, DC 20330-1720

SUBJECT: AFDO Review-USAF Summaries 1979 through 1985

This office conducted a security review of USAF Summaries, January 1979 through 1985 and determined that they do not contain any information requiring exemption under the FOIA and can be considered unclassified and releasable. The POC for the review is Mr. George Gordon, 301-837-0720 or [George.gordon@pentagon.af.mil](mailto:George.gordon@pentagon.af.mil).

//s//

JOANNE COLLINS,  
Deputy Director, AFDO

K131.64



# **USAF SUMMARY**

**1981**

**DIRECTORATE OF COST & MANAGEMENT ANALYSIS  
COMPTROLLER OF THE AIR FORCE**

**~~FOR OFFICIAL USE ONLY~~**

# FOREWORD

This is the seventh edition of the USAF Summary. It provides fiscal year 1980 actual data, revised estimates for fiscal year 1981, and information for fiscal year 1982 based on the President's FY 1982 budget submission to Congress in January 1981.

The USAF Summary is compiled and published by the Directorate of Cost and Management Analysis, Comptroller of the Air Force. Air Staff offices provide current information for each update. The office of origin indicated on individual pages should be contacted if further information is required.

Comments or suggestions on the USAF Summary are most welcome. If you have any suggestions on information that should be added or deleted in future editions, please contact HQ USAF/ACMM, 697-6634 (Autovon 227-6634).



# TABLE OF CONTENTS

<u>TITLE</u>	<u>FIN PAGE NO.</u>
Federal Budget Trends .....	1
Federal Budget Receipts and Outlays .....	2
Comparative Financial Statistics .....	3
Total DOD Outlays .....	4
Total DOD Outlays and Total Obligation Authority by Military Department .....	5
DOD and Air Force Current and Constant Dollar Total Obligation Authority ....	6
Air Force Outlays Fiscal Years 1970-1982 .....	7
Air Force Total Obligation Authority by Major Force Program and Appropriation	8
Pay Increases and Price Indices .....	9

<u>TITLE</u>	<u>PERS PAGE NO.</u>
DOD Personnel Trends .....	1
Air Force Personnel Comparisons .....	2
Air Force Manpower by Major Force Program .....	3
Air Force Manpower by Functional Area and by Command .....	4
Air Force Personnel Assigned Strength by Command .....	5
Air Force Major Installations Authorized Strength by State .....	9
Reserve and Air National Guard Forces .....	11
Family Housing Trends (Fiscal Years 1974-1980) .....	12
Rated Officer Requirements and Inventory .....	14
Rated Officers on Flying Status .....	15
Air Force Military Personnel Minorities by Grade .....	16
Air Force Military Personnel Females by Grade .....	17
Air Force Military Personnel Airmen Enlistments and Reenlistments .....	18
Military Pay and Allowances (Air Force - Average) .....	19
Air Force Average Annual Pay Rates 1970-1981 .....	20
Military Pay and Allowances of the Uniformed Services (Current) .....	21
Civilian Pay Schedule (Current) .....	24



# TABLE OF CONTENTS

## PERSONNEL (CONT'D)

<u>TITLE</u>	<u>PERS PAGE NO.</u>
Schedule of Permanent Air Force Positions .....	25
Air Force Military Retirement Program .....	26
Air Force Retired Military Personnel by Type of Retirement .....	27
Department of Defense and Air Force Costs of Retired Pay .....	28
Annual Air Force Courts-Martial and Article 15 Activity .....	29

## FORCES

<u>TITLE</u>	<u>FOR PAGE NO.</u>
Summary of Active Air Force Installations .....	1
Air Force Major Installations (Continental United States, Alaska and Hawaii)	2
Air Force Major Installations (Overseas: Europe, Africa, Middle East) .....	3
Air Force Major Installations (Overseas: Atlantic, Central America, Pacific)	4
Air Force Aircraft Active Inventory .....	5
Air Force Aircraft Inventory Trends .....	6
Air Force Aircraft Active Inventory and Aircraft Aging Inventory .....	7
Age of Active Forces Aircraft .....	8
Age of Air Reserve and Air National Guard Forces Aircraft .....	9
Age of Air Force Strategic Missiles and Drones .....	10
Selected Regular Air Force Combat Squadrons .....	11
Air Force Reserve and Air National Guard Combat Squadrons .....	12
Selected Aircraft Mission Capability Rates .....	13
Air Force Mishap Rates .....	16
Air Force Active, Air National Guard and Air Force Reserve Flying Hours Vs Supporting Aviation Fuel .....	17
Aircraft Cost Per Flying Hour (Planning, Programming and Budgeting Cost Factors) .....	18
Air Force Procurement Programs by Fiscal Year of Funding (Aircraft and Missiles) .....	19
Major Weapons Acquisition Current Estimates .....	20

# TABLE OF CONTENTS

## ECONOMIC TRENDS

<u>TITLE</u>	<u>ECON PAGE NO.</u>
Historical Inflation Indices .....	1
Estimated Gross National Products at Market Prices (International) .....	2
Defense Expenditures as a Share of Gross National Product (International) ....	3
Economic Profile: United States - Union of Soviet Socialist Republics - 1979	4
Economic Profile: United States .....	5
Economic Profile: Union of Soviet Socialist Republics .....	6
Primary Energy Production .....	7
Primary Energy Consumption .....	8
Crude Oil Refining Capacity .....	9
Production of Crude Oil .....	10
Proved and Probable Reserves of Crude Oil, Natural Gas, and Coal Year End 1979	11
Minerals, Imports as a Share of Consumption 1979 .....	12
United States Military Deliveries in Less Developed Countries by Recipient ...	13

## SELECTED ACQUISITION REPORTS

<u>TITLE</u>	<u>SARs PAGE NO.</u>
A-10 and AIM-7M Program Cost .....	1
AIM-9M and ALCM Program Cost .....	2
DSCS III (Space Segment) and E-3A Program Cost .....	3
E-4 and EF-111A Program Cost .....	4
F-15 and F-16 Program Cost .....	5
GLCM and IR Maverick (AGM-65D) Program Cost .....	6
NAVSTAR GPS and PLSS Program Cost .....	7

## REFERENCE DATA

<u>TITLE</u>	<u>REF PAGE NO.</u>
Office of Management and Budget (Executive Office of the President) .....	1
Senate Appropriations Committee .....	2
House Appropriations Committee .....	3

# TABLE OF CONTENTS

## REFERENCE DATA (CONT'D)

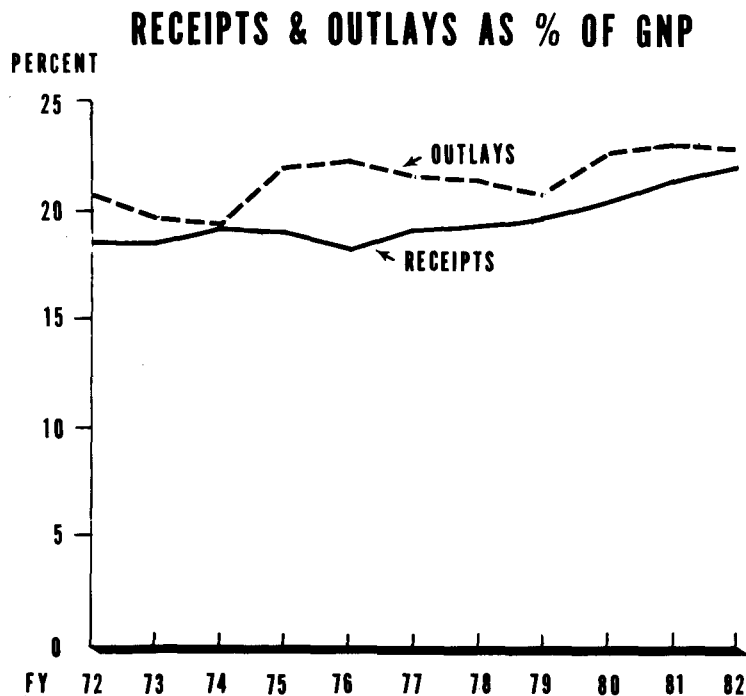
<u>TITLE</u>	<u>REF PAGE NO.</u>
Senate Armed Services Committee .....	4
House Armed Services Committee .....	6
Senate and House Budget Committees .....	9
Office of the Secretary of the Air Force Key Personnel .....	10
Air Staff Key Personnel .....	11
Major Air Commands and Separate Operating Agencies Major Organizational Commanders .....	13

# FEDERAL BUDGET TRENDS

(DOLLAR AMOUNTS IN BILLIONS)

Fiscal Year	Gross National Product	Budget Receipts		Budget Outlays		Current Prices			Constant (FY72) Prices		
		Amount	% GNP	Amount	% GNP	Outlays	National Defense	Non-Defense	Outlays	National Defense	Non-Defense
1964	618.4	112.7	18.2	118.6	19.2	118.6	51.5	67.1	176.6	77.0	99.6
1965	660.5	116.8	17.7	118.4	17.9	118.4	47.5	71.0	173.0	69.3	103.7
1966	725.5	130.9	18.0	134.7	18.6	134.7	54.9	79.8	188.1	76.6	111.5
1967	776.2	149.6	19.3	158.3	20.4	158.3	68.2	90.0	212.3	92.3	119.9
1968	834.4	153.7	18.4	178.8	21.4	178.8	78.8	100.1	229.8	101.7	128.1
1969	911.0	187.8	20.6	184.5	20.3	184.5	79.4	105.1	223.3	98.1	125.2
1970	968.9	193.7	20.0	196.6	20.3	196.6	78.6	118.0	220.6	90.3	130.3
1971	1,032.7	188.4	18.2	211.4	20.5	211.4	75.8	135.6	223.3	81.5	141.8
1972	1,126.6	208.6	18.5	232.0	20.6	232.0	76.6	155.5	232.0	76.6	155.5
1973	1,255.2	232.2	18.5	247.1	19.7	247.1	74.5	172.5	233.3	69.9	163.4
1974	1,381.5	264.9	19.2	269.6	19.5	269.6	77.8	191.8	232.9	68.1	164.7
1975	1,480.5	281.0	19.0	326.2	22.0	326.2	85.6	240.6	255.4	68.4	187.0
1976	1,642.7	300.0	18.3	366.4	22.3	366.4	89.4	277.0	268.4	66.9	201.6
1977	1,864.0	357.8	19.2	402.7	21.6	402.7	97.5	305.2	273.9	67.3	206.6
1978	2,085.3	402.0	19.3	450.8	21.6	450.8	105.2	345.6	284.4	67.5	216.9
1979	2,357.8	465.9	19.8	493.6	20.9	493.6	117.7	376.0	282.6	70.1	212.5
1980	2,567.5	520.0	20.3	579.6	22.6	579.6	135.9	443.8	294.9	72.5	222.4
1981(Est)	2,843.7	607.5	21.4	662.7	23.3	662.7	161.1	501.7	297.3	77.0	220.3
1982(Est)	3,214.8	711.8	22.1	739.3	23.0	739.3	184.4	554.9	300.3	80.4	219.8

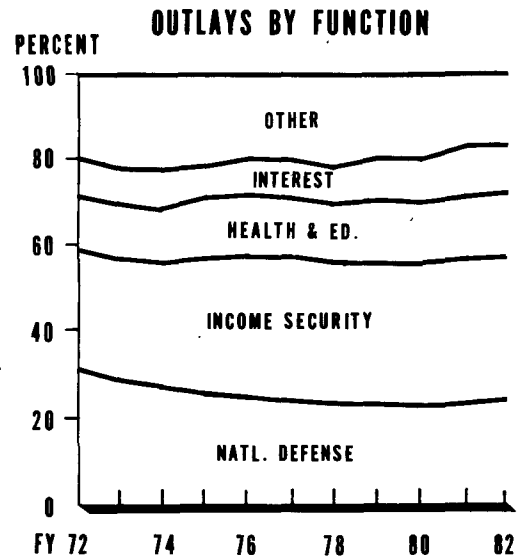
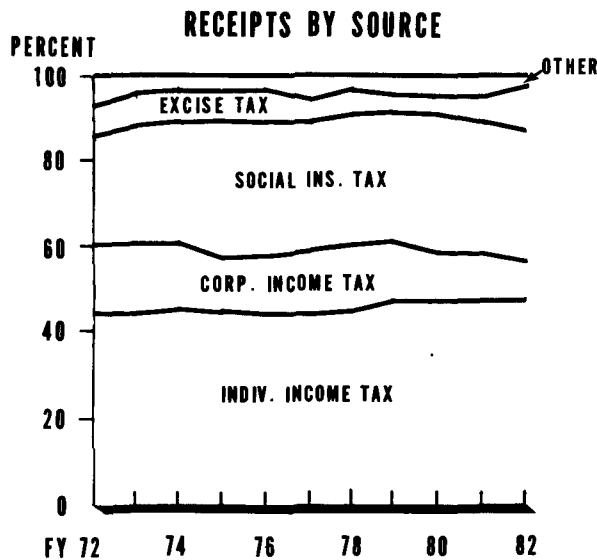
Source: The U.S. Budget in Brief FY 1982.



# FEDERAL BUDGET RECEIPTS AND OUTLAYS BY SOURCE AND FUNCTION (\$ BILLIONS)

Fiscal Year	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 (Est)	1982 (Est)
<b>RECEIPTS BY SOURCE</b>											
Individual Income Taxes	94.7	103.2	119.0	122.4	131.6	157.6	181.0	217.8	244.1	284.0	331.7
Corporation Income Taxes	32.2	36.2	38.6	40.6	41.4	54.9	60.0	65.7	64.6	66.0	64.6
Social Insurance Taxes & Contributions	53.9	64.5	76.8	86.4	92.7	108.7	123.4	141.6	160.7	184.8	214.7
Excise Taxes	15.5	16.3	16.8	16.6	17.0	17.5	18.4	18.7	24.3	44.4	69.6
Other	12.3	12.0	13.7	15.0	17.3	19.0	19.3	22.0	26.3	28.2	31.2
<b>TOTAL RECEIPTS</b>	<b>208.6</b>	<b>232.2</b>	<b>264.9</b>	<b>281.0</b>	<b>300.0</b>	<b>357.8</b>	<b>402.0</b>	<b>465.9</b>	<b>520.0</b>	<b>607.5</b>	<b>711.8</b>
<b>OUTLAYS BY FUNCTION</b>											
National Defense	76.6	74.5	77.8	85.6	89.4	97.5	105.2	117.7	135.9	161.1	184.4
Income Security	63.9	73.0	84.4	108.6	127.4	137.9	146.2	160.2	193.1	231.6	255.0
Health & Education	30.0	31.5	34.4	43.5	52.1	59.8	70.2	79.3	89.0	97.8	109.1
Interest	20.6	22.8	28.0	30.9	34.5	38.0	44.0	52.6	64.5	80.4	89.9
Other	49.0	57.6	61.7	71.7	77.7	84.6	101.0	102.3	119.0	119.6	132.8
Offsetting Receipts	- 8.1	-12.3	-16.7	-14.1	-14.7	-15.1	-15.8	-18.5	-21.9	-27.8	-31.9
<b>TOTAL OUTLAYS</b>	<b>232.0</b>	<b>247.1</b>	<b>269.6</b>	<b>326.2</b>	<b>366.4</b>	<b>402.7</b>	<b>450.8</b>	<b>493.6</b>	<b>579.6</b>	<b>662.7</b>	<b>739.3</b>

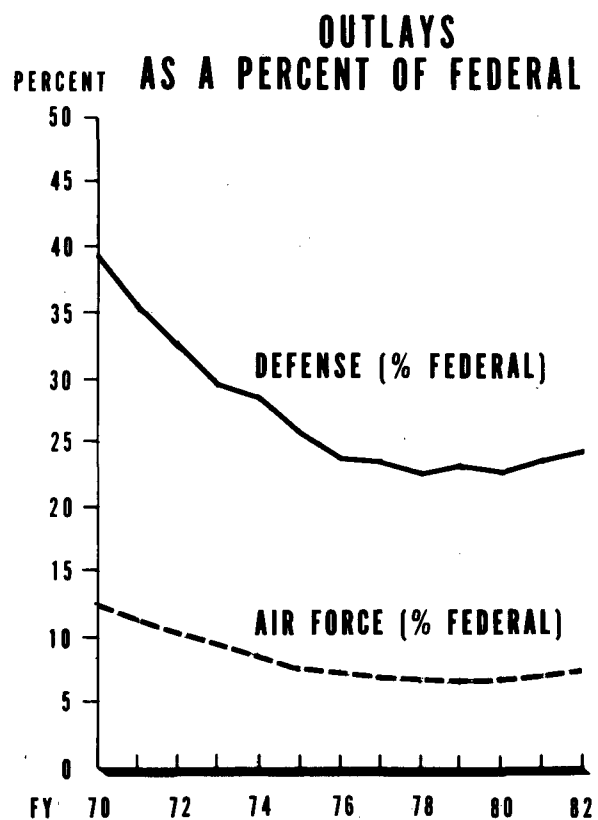
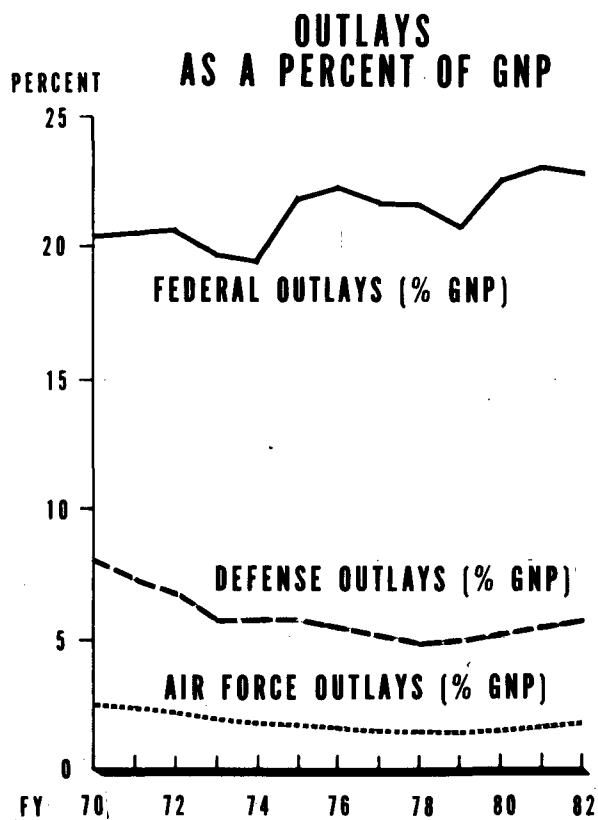
Source: Budget of the U.S. Government FY 1982.



# COMPARATIVE FINANCIAL STATISTICS

(\$ BILLIONS)

Fiscal Year	1970	1972	1974	1976	1978	1980	1981	President's Budget 1982 Est.
Gross National Product	968.9	1,126.6	1,381.5	1,642.7	2,085.3	2,567.5	2,843.7	3,214.8
Federal Outlays	196.6	232.0	269.6	366.4	450.8	579.6	662.7	739.3
% of GNP	20.3	20.6	19.5	22.3	21.6	22.6	23.3	23.0
DOD - Outlays	77.1	75.1	77.6	87.9	103.0	132.8	157.6	180.0
% of GNP	8.0	6.7	5.6	5.4	4.9	5.2	5.5	5.6
% of Federal	39.2	32.4	28.8	24.0	22.8	22.9	23.8	24.3
Air Force - Outlays	24.9	24.0	23.9	26.4	29.2	39.0	46.3	54.3
% of GNP	2.6	2.1	1.7	1.6	1.4	1.5	1.6	1.7
% of Federal	12.7	10.3	8.9	7.2	6.5	6.7	7.0	7.3
% of DOD	32.3	32.0	30.9	30.0	28.3	29.4	29.4	30.2
Constant FY 82 \$								
Federal Outlays	515.3	532.0	534.8	609.9	705.3	728.7	735.0	739.3
DOD - Outlays	201.3	171.1	152.7	147.5	150.7	162.5	172.5	180.0
Air Force - Outlays	65.6	55.4	47.8	45.3	43.6	47.9	50.8	54.3



# TOTAL DOD OUTLAYS<sup>1</sup> FY 70-82 BILLIONS CURRENT DOLLARS

	1970	1972	1974	1976	1978	1980	1981	President's Budget 1982
RDT&E	7.2	7.9	8.6	8.9	10.5	13.1	15.4	18.6
PROCUREMENT/MIL CON	22.9	18.4	16.9	18.3	22.1	33.1	39.8	45.0
OPERATIONS	<u>47.0</u>	<u>48.8</u>	<u>52.1</u>	<u>60.7</u>	<u>70.4</u>	<u>86.6</u>	<u>102.4</u>	<u>116.4</u>
TOTAL <sup>2</sup>	77.1	75.1	77.6	87.9	103.0	132.8	157.6	180.0

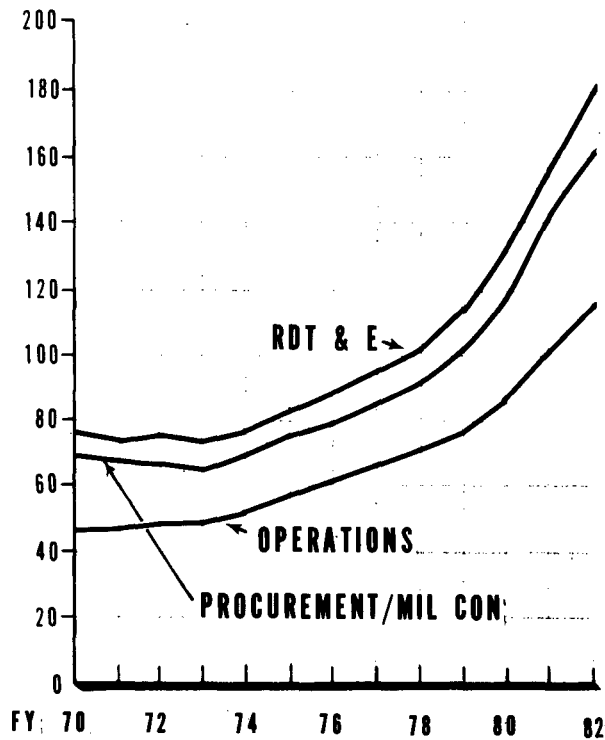
## BILLIONS FY 82 DOLLARS

RDT&E	16.9	16.7	16.1	14.1	14.7	15.6	16.9	18.6
PROCUREMENT/MIL CON	54.5	39.9	32.7	29.9	31.5	39.5	43.6	45.0
OPERATIONS	<u>129.9</u>	<u>114.5</u>	<u>103.9</u>	<u>103.4</u>	<u>104.5</u>	<u>107.4</u>	<u>112.0</u>	<u>116.4</u>
TOTAL	201.3	171.1	152.7	147.5	150.7	162.5	172.5	180.0

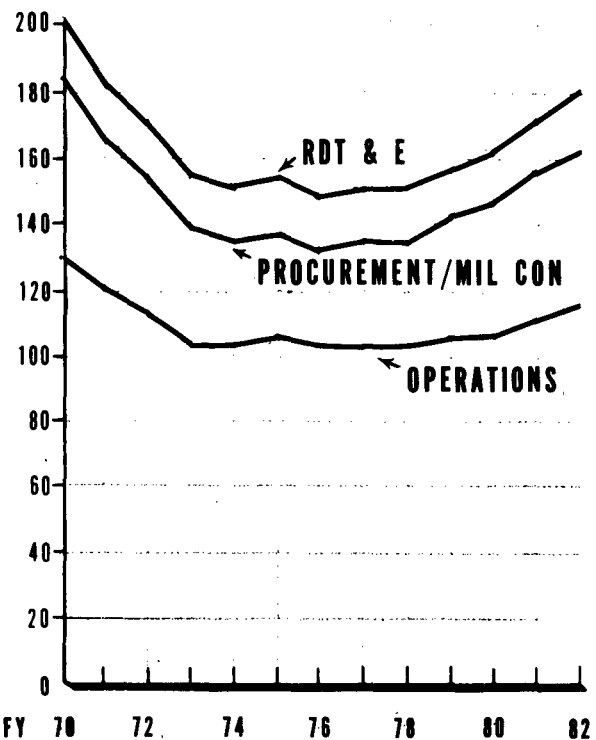
<sup>1</sup> Outlays: Checks issued or other payments made, net of refunds and reimbursements.

<sup>2</sup> Total includes MAP.

### BILLIONS CURRENT DOLLARS



### BILLIONS FY 82 DOLLARS



# TOTAL DOD OUTLAYS

## BILLIONS OF CURRENT DOLLARS

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1958	18.4	9.1	11.0	39.2
1959	19.2	9.5	11.8	41.5
1960	19.3	9.5	11.7	41.5
1961	19.8	10.1	12.2	43.3
1962	20.8	11.2	13.2	46.8
1963	20.6	11.5	14.0	47.9
1964	20.5	12.0	14.5	49.5
1965	18.1	11.6	13.3	45.9
1966	20.1	14.7	16.0	54.1
1967	22.9	21.0	19.2	67.4
1968	25.7	25.2	22.1	77.3
1969	25.9	25.0	22.5	77.8
1970	24.9	24.7	22.5	77.1
1971	23.8	23.1	22.1	74.5
1972	24.0	22.6	22.3	75.1
1973	23.6	20.2	22.5	73.2
1974	23.9	21.4	24.0	77.6
1975	25.0	21.9	27.4	84.9
1976	26.4	21.4	28.5	87.9
1977	27.9	23.9	30.8	95.6
1978	29.2	26.0	33.5	103.0
1979	32.3	28.8	37.8	115.0
1980	39.0	32.6	42.7	132.8
1981	46.3	38.7	50.8	157.6
1982	54.3	44.3	57.2	180.0

## BILLIONS OF CONSTANT FY 82 DOLLARS

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1958	68.3	38.6	45.2	154.7
1959	68.9	38.0	47.1	157.1
1960	68.2	37.1	46.6	155.7
1961	68.7	38.4	47.2	158.4
1962	71.9	42.2	50.3	170.1
1963	70.4	42.0	53.2	172.4
1964	68.4	42.0	52.7	171.9
1965	60.6	39.5	47.5	157.3
1966	63.9	47.4	53.1	175.2
1967	69.7	63.5	60.3	206.4
1968	74.8	72.5	64.7	224.9
1969	72.8	69.0	63.9	218.5
1970	65.6	63.0	59.1	201.3
1971	58.9	55.2	54.2	182.3
1972	55.4	49.8	51.3	171.1
1973	51.1	41.1	48.1	155.9
1974	47.8	40.6	47.4	152.7
1975	46.0	38.3	49.6	153.1
1976	45.3	35.1	47.9	147.5
1977	44.8	36.8	48.4	150.2
1978	43.6	37.3	49.1	150.7
1979	44.9	38.5	51.4	156.5
1980	47.9	40.0	52.1	162.5
1981	50.8	42.4	55.6	172.5
1982	54.3	44.3	57.2	180.0

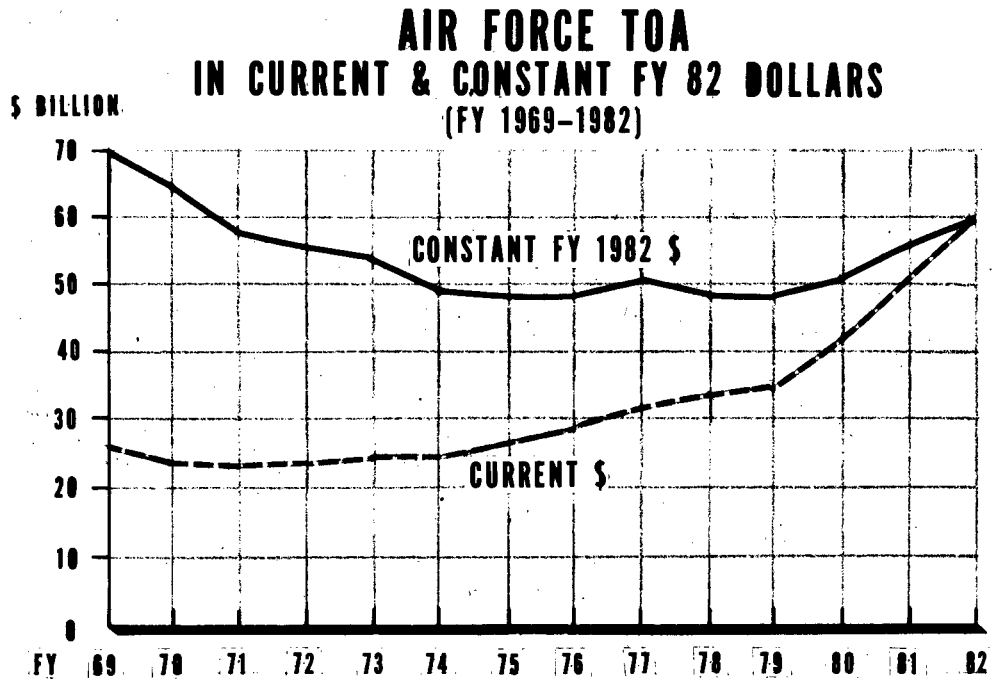
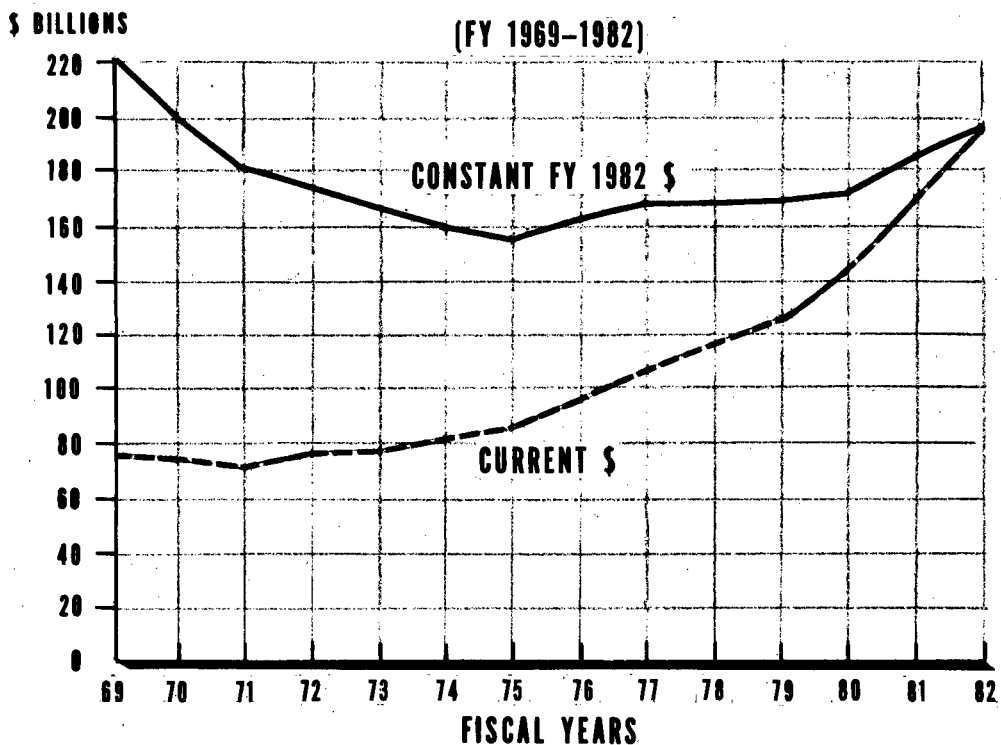
# TOTAL OBLIGATION AUTHORITY (TOA)

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1958	19.2	9.8	11.6	41.1
1959	19.6	9.6	12.1	42.2
1960	17.7	9.9	11.7	40.3
1961	20.1	10.5	12.8	44.6
1962	19.7	12.5	14.6	48.4
1963	20.4	11.8	14.7	49.4
1964	20.0	12.3	14.5	49.5
1965	19.4	12.2	14.9	49.6
1966	23.3	18.5	19.2	64.5
1967	24.3	22.4	21.2	71.6
1968	25.0	25.0	20.8	75.0
1969	25.9	25.8	21.6	77.8
1970	23.9	24.0	22.5	75.5
1971	23.0	22.3	21.7	72.8
1972	23.8	22.1	24.0	76.5
1973	24.7	21.5	25.3	78.9
1974	24.8	21.5	26.9	81.7
1975	26.0	21.6	28.0	86.2
1976	28.4	23.8	31.5	95.8
1977	31.3	26.7	36.5	107.9
1978	33.1	29.0	39.6	116.3
1979	34.9	31.4	41.7	124.6
1980	41.7	34.6	47.1	142.2
1981	50.5	41.3	56.7	171.2
1982	59.8	47.6	63.3	196.4

<u>FY</u>	<u>AIR FORCE</u>	<u>ARMY</u>	<u>NAVY</u>	<u>DOD TOTAL</u>
1958	73.6	41.0	51.3	168.7
1959	73.1	38.6	52.3	167.4
1960	66.0	38.9	48.9	157.6
1961	72.5	40.1	53.1	170.2
1962	71.2	46.6	58.7	182.4
1963	72.6	43.8	57.6	182.9
1964	69.0	43.5	54.1	176.5
1965	65.6	42.0	53.3	171.2
1966	74.6	59.3	63.9	209.2
1967	74.9	68.2	67.6	222.5
1968	74.4	72.9	62.7	223.0
1969	73.9	71.7	61.5	220.4
1970	64.2	61.8	59.9	200.0
1971	57.9	54.0	53.7	180.3
1972	55.6	49.1	55.1	175.3
1973	53.5	44.0	53.4	167.4
1974	49.4	40.9	52.6	160.0
1975	48.1	38.1	50.7	156.0
1976	48.9	39.2	53.2	161.6
1977	50.1	41.1	56.9	169.0
1978	48.8	41.3	57.0	168.7
1979	48.0	41.8	56.0	168.1
1980	50.9	42.2	57.0	172.9
1981	55.1	45.1	61.7	186.5
1982	59.8	47.6	63.3	196.4



## DOD CURRENT AND CONSTANT DOLLAR TOA



# AIR FORCE OUTLAYS

## FY 70-82

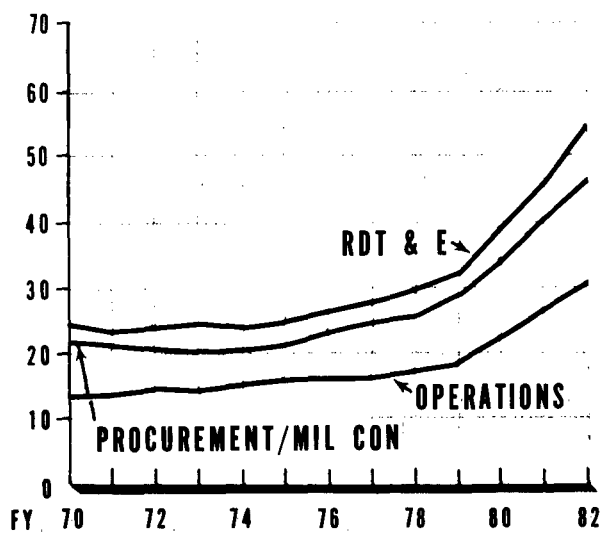
### BILLIONS CURRENT DOLLARS

	1970	1972	1974	1976	1978	1980	1981	President's Budget 1982
RDT&E	2.9	3.2	3.2	3.3	3.6	5.0	6.1	8.0
PROCUREMENT/MIL CON	8.7	6.4	5.7	6.9	7.9	11.6	13.8	15.8
OPERATIONS	<u>13.2</u>	<u>14.4</u>	<u>15.0</u>	<u>16.2</u>	<u>17.7</u>	<u>22.4</u>	<u>26.4</u>	<u>30.5</u>
TOTAL	24.9	24.0	23.9	26.4	29.2	39.0	46.3	54.3

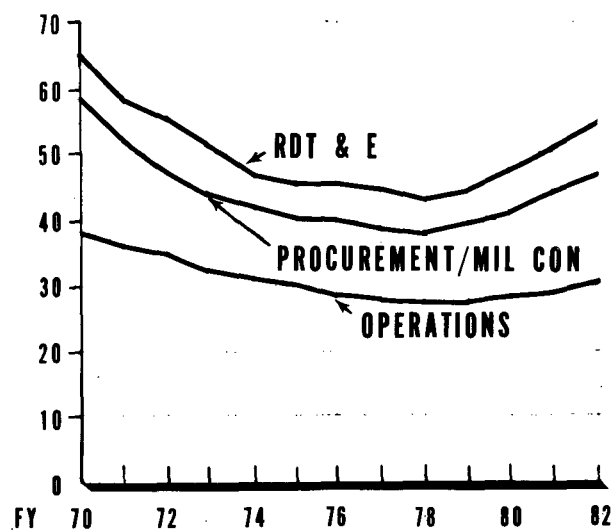
### BILLIONS OF FY 82 DOLLARS

RDT&E	6.9	6.8	6.1	5.3	5.1	6.0	6.7	8.0
PROCUREMENT/MIL CON	19.9	13.4	10.7	11.3	11.2	13.9	15.2	15.8
OPERATIONS	<u>38.8</u>	<u>35.2</u>	<u>31.0</u>	<u>28.7</u>	<u>27.3</u>	<u>28.0</u>	<u>28.9</u>	<u>30.5</u>
TOTAL	65.6	55.4	47.8	45.3	43.6	47.9	50.8	54.3

### BILLIONS CURRENT DOLLARS



### BILLIONS FY 82 DOLLARS



# AIR FORCE TOA

## BY MAJOR FORCE PROGRAMS AND APPROPRIATION

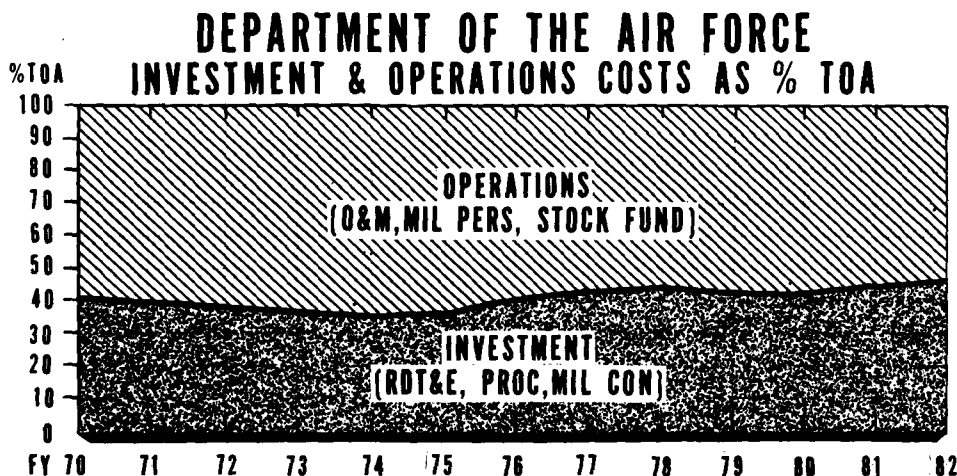
(\$ MILLIONS)

Fiscal Year		1970	1972	1974	1976	1978	1981	1982
<u>BY MFP</u>								
I	Strategic Forces	4,384	4,712	4,315	4,653	4,508	7,916	9,549
II	General Purpose Forces	6,157	5,327	5,611	7,068	9,921	14,274	16,087
III	Intelligence & Communications	3,376	3,125	3,340	3,499	4,117	5,689	6,682
IV	Airlift & Sealift	1,637	1,102	756	1,247	1,607	2,800	3,438
V	Guard and Reserve Forces	743	915	1,223	1,626	2,357	3,509	3,389
VI	Research & Development	1,853	2,182	2,401	3,214	3,471	5,526	7,051
VII	Central Supply & Maintenance	2,615	2,732	2,763	3,093	3,402	5,066	5,721
VIII	Training, Medical & Other Pers Act	2,343	2,727	3,441	3,411	3,195	4,539	5,204
IX	Administrative & Associated Act	428	510	568	585	512	794	1,090
X	Support Other Nations	343	502	363	46	29	430	438
	FY 82 Pay Raise in DOD Conting Acct	-	-	-	-	-	-	1,120
TOTAL		23,883	23,834	24,779	28,442	33,118	50,543	59,769
<u>BY APPROPRIATION</u>								
3010	Aircraft Procurement	3,764	3,038	2,837	3,964	6,372	9,674	9,470
3020	Missile Procurement	1,469	1,666	1,419	1,708	1,797	3,141	4,275
3080	Other Procurement	1,762	1,574	1,651	2,035	2,268	3,003	4,049
3300	Military Construction	262	281	321	539	491	891	2,149
3600	RDT&E	3,056	2,929	3,062	3,606	4,222	6,776	8,691
3400	O&M	6,520	6,610	6,882	7,669	8,682	14,214	16,751
3500	Military Personnel	6,498	7,040	7,479	7,405	7,547	9,946	11,066
3700	Reserve Personnel	82	109	126	160	181	278	323
3730	Military Construction - AFR	4	9	11	16	12	22	35
3740	O&M - AFR <sup>1</sup>	-	-	239	332	384	598	682
3830	Military Construction - ANG	12	12	19	61	42	83	90
3840	O&M - ANG	345	417	551	714	848	1,507	1,708
3850	NG Personnel	111	149	182	218	237	382	437
4921	AFSF	-	-	-	15	35	28	43
TOTAL		28,883	23,834	24,779	28,442 <sup>2</sup>	33,118	50,543	59,769
Constant FY 82 \$		64,212	55,569	49,350	48,908	48,847	55,108	59,769

<sup>1</sup> Part of 3400 prior to 1973.

<sup>2</sup> Total includes \$175M transferred to FY TQ.

NOTE: Totals may not add due to rounding.



# PAY INCREASES & PRICE INDICES

## Military and Civilian Pay Increases

Effective Date	Military Pay <sup>1</sup>	Civilian Salaries
Oct 28, 1949	-	4.1%
Jul 1, 1951	-	10.0%
May 2, 1952	10.9%	-
Mar 1, 1955	-	7.5%
Apr 1, 1955	2.8%	-
Jan 1, 1958	-	10.0%
Jun 1, 1958	6.3%	-
Jul 1, 1960	-	7.7%
Oct 14, 1962	-	5.5%
Oct 1, 1963	8.4%	-
Jan 5, 1964	-	4.1%
Jul 1, 1964	-	4.2%
Sep 1, 1964	1.4%	-
Sep 1, 1965	6.4%	-
Oct 1, 1965	-	3.6%
Jul 1, 1966	2.8%	2.9%
Oct 1, 1967	4.5%	4.5%
Jul 1, 1968	4.9%	4.9%
Jul 1, 1969	9.1%	9.1%
Jan 1, 1970	6.0%	6.0%
Jan 1, 1971	6.0%	6.0%
Nov 14, 1971	13.1%	-
Jan 1, 1972	5.5%	5.5%
Jan 1, 1973	5.1%	5.1%
Oct 1, 1973	4.8%	4.8%
Oct 1, 1974	5.5%	5.5%
Oct 1, 1975	5.0%	5.0%
Oct 1, 1976	4.5%	4.8%
Oct 1, 1977	7.0%	7.0%
Oct 1, 1978	5.5%	5.5%
Oct 1, 1979	7.0%	7.0%
Oct 1, 1980	11.7%	9.1%

## Pay & Consumer Price Indices (FY 1975=100)

Fiscal Year	Military <sup>2</sup> Pay Base	Civilian Salaries	CPI <sup>*</sup>
1950	.276	.239	.457
1951	.289	.237	.485
1952	.287	.253	.507
1953	.306	.261	.515
1954	.305	.274	.519
1955	.313	.292	.517
1956	.329	.313	.519
1957	.323	.326	.534
1958	.341	.367	.552
1959	.364	.392	.559
1960	.369	.404	.567
1961	.372	.435	.575
1962	.369	.446	.581
1963	.374	.463	.587
1964	.406	.483	.595
1965	.422	.513	.603
1966	.452	.531	.617
1967	.475	.553	.635
1968	.498	.573	.657
1969	.538	.611	.688
1970	.621	.682	.729
1971	.674	.741	.767
1972	.787	.802	.794
1973	.883	.849	.827
1974	.942	.924	.900
1975	1.000	1.000	1.000
1976	1.052	1.077	1.071
1977	1.114	1.125	1.151
1978	1.190	1.176	1.233
1979	1.256	1.268	1.360
1980	1.346	1.345	1.360
1981	1.559	1.436	1.545

<sup>1</sup>Includes: Basic Pay, Basic Allowance for Subsistence, and Basic Allowance for Quarters.

<sup>2</sup>Pay Base includes: Basic Pay, Reenlistment Bonuses, Separation Payments, FICA, Death Gratuities, Continuation Pay for Physicians and Dentists, BAQ, and several categories of subsistence pay.



# DOD PERSONNEL TRENDS

## (THOUSANDS)

### (END FISCAL YEAR)

	<u>1979</u>	<u>1980</u>	<u>PROJ 1981</u>	<u>PROJ 1982</u>	<u>CHANGE 1979-80</u>	<u>CHANGE 1980-81</u>	<u>CHANGE 1981-82</u>
<u>ACTIVE DUTY MILITARY</u>							
Air Force	559	558	564	569	- 1	+ 6	+ 5
Army	758	777	775	786	+19	- 2	+11
Navy	522	527	537	550	+ 5	+10	+13
Marine Corps	185	188	188	188	+ 3	0	0
TOTAL	2,024	2,050	2,065	2,094	+26	+14	+29
<u>DIRECT AND INDIRECT HIRE CIVILIANS</u>							
Air Force	245	244	240	244	- 1	- 4	+ 4
Army	359	361	361	360	+ 2	0	- 1
Navy/Marine Corps	310	309	312	309	- 1	+ 3	- 3
Defense Agencies	77	77	81	82	0	+ 4	+ 1
TOTAL	991	991	994	995	0	+ 3	+ 1
<u>RESERVE COMPONENTS</u>							
Air National Guard	93	96	98	99	+ 3	+ 2	+ 1
Air Force Reserve	58	60	62	64	+ 2	+ 2	+ 2
Army National Guard	347	367	386	398	+20	+19	+12
Army Reserve	190	213	224	237	+23	+11	+13
Naval Reserve	89	88	88	88	- 1	0	0
Marine Corps Reserve	34	37	38	39	+ 3	+ 1	+ 1
TOTAL	811	861	895	925	+50	+35	+29

NOTE: Details may not add to totals due to rounding.

# USAF PERSONNEL COMPARISONS<sup>1</sup>

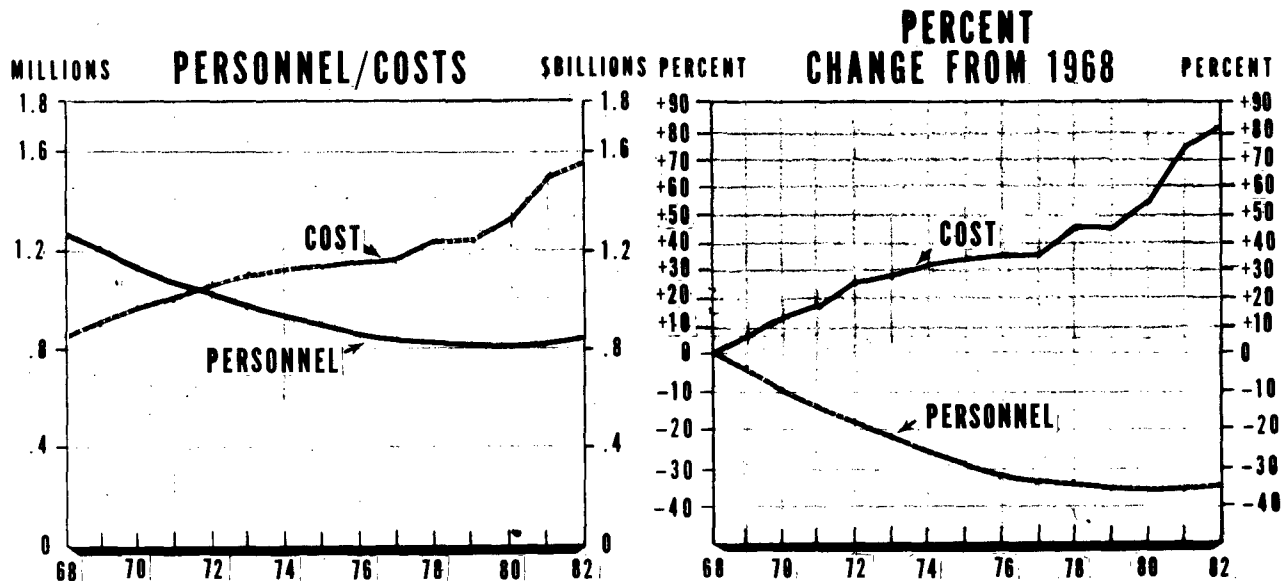
(PERSONNEL IN THOUSANDS; DOLLARS IN MILLIONS)

	<u>FY 1972</u>	<u>FY 1974</u>	<u>FY 1976</u>	<u>FY 1978</u>	<u>FY 1980</u>	<u>Revised Estimate FY 1981</u>	<u>Pres. Bud. Estimate FY 1982</u>
<b>Civilian Personnel</b>							
Indirect Hire	19.7	15.8	13.5	14.1	13.4	13.3	13.1
Direct Hire	279.9	273.6	248.2	237.0	230.9	227.1	230.8
Total Civilian	299.6	289.4	261.7	251.1	244.3	240.4	243.9
% of Total Personnel	29.2	31.0	30.9	30.6	30.5	29.9	30.0
<b>Military Personnel</b>							
Officer	121.5	110.3	99.6	95.5	97.6	98.8	99.7
Airman	599.7	529.1	481.2	469.9	455.9	461.3	465.4
USAF Cadets	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Total Military	725.6	643.8	585.2	569.8	557.9	564.5	569.5
Ratio: Officer/Airman	1:4.9	1:4.8	1:4.8	1:4.9	1:4.7	1:4.7	1:4.7
TOTAL PERSONNEL	1,025.2	933.2	846.9	820.8	802.2	804.9	813.4
<b>Personnel Costs<sup>2</sup></b> (Millions \$ - Outlays)							
Military Personnel (Incl PCS)	7,238	7,659	7,405	7,937	8,496	9,946	10,271
Civilian Payroll (Direct Hire)	3,349	3,464	4,019	4,313	4,662	5,064	5,165
Total (Air Force)	10,632	11,123	11,424	12,250	13,158	15,010	15,436
Retirement (OSD Budget)	1,291	1,806	2,654	3,380	4,422	5,168	5,953

<sup>1</sup> Excludes Non-chargeable Personnel.

<sup>2</sup> Excludes Reimbursements.

NOTE: Totals may not add due to rounding.



# TOTAL USAF ACTIVE MANPOWER BY MAJOR FORCE PROGRAM (NUMBER OF PERSONNEL)

MAJOR FORCE PROGRAM	FY 1980			FY 1981 (Est)			FY 1982 (Est)		
	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ
Strategic Forces	18,050	98,967	16,163	18,316	101,673	15,849	18,321	99,094	16,771
General Purpose Forces	19,491	136,989	27,548	20,486	143,953	26,492	20,527	146,473	26,761
Intelligence & Communications	8,187	48,390	7,842	8,199	47,492	8,786	8,259	47,725	8,793
Airlift and Sealift	7,792	47,958	14,984	7,628	49,239	14,904	8,037	49,646	14,882
Guard and Reserve Forces	451	949	34,202	478	996	34,169	481	985	35,150
Research & Development	6,548	9,447	18,493	6,990	9,393	18,675	6,998	9,258	18,846
Central Supply & Maintenance	3,102	6,771	92,401	3,401	6,892	88,566	3,488	7,024	89,337
Trng, Med/Other Gen Pers Act	27,343	98,402	24,043	26,434	93,756	23,941	26,617	97,395	24,248
Administration & Assoc Act	5,244	5,478	7,428	5,400	5,208	7,809	5,328	5,142	7,995
Support to Other Nations	1,441	2,558	1,238	1,472	2,677	1,243	1,656	2,629	1,170
Cadets	-	4,411	-	-	4,417	-	-	4,417	-
<b>TOTAL AIR FORCE</b>	<b>97,649</b>	<b>460,320</b>	<b>244,342</b>	<b>98,804</b>	<b>465,696</b>	<b>240,434</b>	<b>99,712</b>	<b>469,788</b>	<b>243,953</b>

## (TOA IN MILLIONS)

MAJOR FORCE PROGRAM	FY 1980			FY 1981 (Est) <sup>1</sup>			FY 1982 (Est)		
	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ	Officer	Enlisted	Tot Civ
Strategic Forces	487	1,177	329	559	1,381	353	562	1,382	361
General Purpose Forces	514	1,608	412	620	1,853	469	631	1,930	484
Intelligence & Communications	220	570	175	256	671	204	256	656	210
Airlift and Sealift	210	564	264	234	671	294	242	685	301
Guard and Reserve Forces	13	12	746	15	13	816	15	13	833
Research & Development	176	110	477	214	129	522	216	129	525
Central Supply & Maintenance	83	77	842	103	94	1,964	106	97	2,016
Trng, Med/Other Gen Pers Act	708	1,131	425	803	1,296	488	797	1,355	491
Cadets	25	-	-	28	-	-	28	-	-
PCS	181	400	-	213	519	-	263	627	-
Administration & Assoc Act	135	63	169	160	72	186	161	70	191
Support to Other Nations	18	14	2	22	19	3	28	21	4
<b>TOTAL AIR FORCE</b>	<b>2,770</b>	<b>5,726</b>	<b>4,841</b>	<b>3,227</b>	<b>6,718</b>	<b>5,299</b>	<b>3,306</b>	<b>6,965</b>	<b>5,416</b>

NOTE: Columns may not add due to rounding.

SOURCE: FY 82 President's Budget for FY 81/82  
FY 80 manpower is actual assigned  
end-year strength.

<sup>1</sup> Includes pay raise for FY 1981.



# USAF MANPOWER BY FUNCTIONAL AREA

(Totals in Thousands)

	FY 1980			FY 1981			FY 1982		
	MIL	CIV	AGG	MIL	CIV	AGG	MIL	CIV	AGG
Activities Outside the USAF	9.9	1.5	11.4	10.3	1.5	11.8	10.6	1.5	12.1
Civil Engineering	30.0	31.9	61.9	30.9	31.0	61.9	31.0	31.1	62.1
Comptroller	12.6	14.2	26.8	13.0	14.0	27.0	13.2	14.1	27.3
Depot Operations & Maintenance	3.3	55.7	59.0	3.4	54.1	57.5	3.5	55.6	59.1
Ground Comm Elect Opns & Maint	46.7	6.3	53.0	47.8	6.2	54.0	47.9	6.1	54.0
Intelligence	14.1	1.9	16.0	14.6	1.9	16.5	14.9	1.9	16.8
Medical	32.3	7.2	39.5	33.1	7.1	40.2	33.4	7.1	40.5
Operations	51.3	5.5	56.8	52.7	5.5	58.2	53.6	5.5	59.1
Personnel	18.3	8.7	27.0	18.8	8.8	27.6	18.8	9.3	28.1
Research & Development	8.9	11.7	20.6	9.2	11.5	20.7	9.3	11.5	20.8
Security Police	33.5	2.8	36.3	34.2	2.7	36.9	34.5	2.8	37.3
Supply, Services & Contracting	38.1	33.5	71.6	39.0	32.9	71.9	39.5	33.2	72.7
Training	68.3	3.7	72.0	65.8	3.6	69.4	63.7	3.6	67.3
Transportation	17.4	9.4	26.8	17.8	9.1	26.9	18.3	9.1	27.4
Weapons Systems Maintenance	132.8	12.5	145.3	138.4	12.9	151.3	140.4	13.1	153.5
Command, Administration, Other	20.5	9.6	30.1	21.5	9.1	30.6	21.7	9.1	30.8
Transients & Patients	20.0	-	20.0	14.0	-	14.0	15.2	-	15.2
Air Reserve Forces									
ANG Tech	-	21.9	21.9	-	21.5	21.5	-	21.8	21.8
AF Reserve Tech	-	6.3	6.3	-	7.0	7.0	-	7.5	7.5
Aggregate	558.0	244.3	802.3	564.5	240.4	804.9	569.5	243.9	813.4

NOTE: Totals may not add due to rounding.

## MANPOWER AUTHORIZATIONS BY COMMAND

FY 81

COMMAND	TOTAL		MILITARY		CIVILIAN	
	AUTHORIZATIONS	%	AUTHORIZATIONS	%	AUTHORIZATIONS	%
SAC	119,281	15	105,866	19	13,415	6
TAC	108,641	13	96,562	17	12,079	5
AFLC	86,400	11	9,896	2	76,504	32
MAC	87,315	11	70,889	13	16,426	7
ATC	90,234	11	74,512	13	15,722	7
USAFE	66,800	8	57,149	10	9,651	4
AFSC	51,775	6	25,071	4	26,704	11
AFCC	50,039	6	42,179	7	7,860	3
PACAF	34,195	4	24,476	4	9,719	4
ANG	22,989	3	-	-	22,989	10
ESC	11,722	1	10,764	2	958	-
AFRES	11,514	1	546	-	10,968	5
AAC	8,423	1	7,273	1	1,150	-
AFA	8,624	1	6,912	1	1,712	1
OTHER	33,130	4	18,553	3	14,577	6
TRANSIENTS & PATIENTS	13,852	2	13,852	2	-	-
TOTAL ACTIVE	804,934	100	564,500	100	240,434	100
AFRES	60,754	38	60,754	38	-	-
ANG	98,083	62	98,083	62	-	-
TOTAL RESERVE FORCES	158,837	100	158,837	100	-	-

NOTE: Totals may not add due to rounding.

SOURCE: FY 82 President's Budget for FY 81/82.

# USAF PERSONNEL ASSIGNED STRENGTH BY COMMAND/SOA (END OF FISCAL YEAR) (IN THOUSANDS)

<u>COMMAND/SOA</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
<u>AAC</u>							
Military	8.1	8.9	9.1	8.4	7.7	7.5	7.3
Civilian	2.1	2.2	2.2	1.7	1.3	1.3	1.1
Total AAC	10.2	11.1	11.3	10.1	9.0	8.8	8.4
<u>ADCOM</u>							
Military	50.9	37.0	31.3	25.4	22.9	20.1	1.3
Civilian	9.7	7.3	5.3	5.3	4.1	3.7	.3
Total ADCOM	60.6	44.3	36.6	30.7	27.0	23.8	1.6
<u>AFAA</u>							
Military	-	.6	.5	.5	.4	.3	.3
Civilian	-	.5	.5	.5	.6	.6	.7
Total AFAA	-	1.1	1.0	1.0	1.0	.9	1.0
<u>AFAFC</u>							
Military	.4	.3	.3	.2	.3	.2	.2
Civilian	1.8	1.8	2.2	1.9	1.8	1.8	1.8
Total AFAFC	2.2	2.1	2.5	2.1	2.1	2.0	2.0
<u>AFCS</u>							
Military	49.0	45.5	41.3	41.1	41.3	41.3	41.2
Civilian	8.0	6.8	6.8	7.1	7.0	6.8	6.9
Total AFCS	57.0	52.3	48.1	48.2	48.3	48.1	48.1
<u>AFDAA</u>							
Military	-	.7	1.1	1.3	-	-	-
Civilian	-	.5	.6	.9	-	-	-
Total AFDAA	-	1.2	1.7	2.2	-	-	-
<u>AFDSC</u>							
Military	.5	-	-	-	-	-	-
Civilian	.3	-	-	-	-	-	-
Total AFDSC	.8	-	-	-	-	-	-
<u>AFIS</u>							
Military	-	-	.4	.4	.4	.4	.4
Civilian	-	-	.1	.2	.1	.1	.1
Total AFIS	-	-	.5	.6	.5	.5	.5
<u>AFISC</u>							
Military	-	.3	.3	.4	.4	.4	.4
Civilian	-	.1	.1	.1	.1	.1	.1
Total AFISC	-	.4	.4	.5	.5	.5	.5

(Continued on next page)

# USAF PERSONNEL

## ASSIGNED STRENGTH BY COMMAND/SOA

### (END OF FISCAL YEAR)

#### (IN THOUSANDS)

#### (CONTINUED)

COMMAND/SOA	1970	1972	1974	1976	1978	1979	1980
<u>AFLC</u>							
Military	11.1	10.5	10.6	9.2	9.5	9.6	9.8
Civilian	114.0	103.5	97.2	83.0	82.1	79.8	79.8
Total AFLC	125.1	114.0	107.8	100.4	91.6	89.4	89.6
<u>AFMPC</u>							
Military	-	.9	1.2	1.3	1.7	1.7	1.8
Civilian	-	.6	.6	.6	.8	.8	.8
Total AFMPC	-	1.5	1.8	1.9	2.5	2.5	2.6
<u>AFOSI</u>							
Military	-	2.4	1.5	1.6	1.5	1.6	1.6
Civilian	-	.6	.4	.3	.3	.4	.4
Total AFOSI	-	3.0	1.9	1.9	1.8	2.0	2.0
<u>AFRES/ARPC</u>							
Military	1.0	1.0	.9	.5	.6	.6	.6
Civilian	8.4	9.3	11.5	10.9	10.9	10.8	10.6
Total AFRES/ARPC	9.4	10.3	12.4	11.4	11.5	11.4	11.2
<u>AFSC</u>							
Military	27.8	28.0	26.5	26.5	26.0	26.3	25.9
Civilian	29.5	28.9	29.6	28.1	26.2	25.7	26.0
Total AFSC	57.3	56.9	56.1	54.6	52.2	52.0	51.9
<u>AFTEC HQ</u>							
Military	-	-	-	.2	.2	.3	.4
Civilian	-	-	-	.05	.07	.09	.1
Total AFTEC HQ	-	-	-	.2	.3	.4	.5
<u>ATC</u>							
Military	53.9	63.5	61.0	50.0	70.9	81.0	84.6
Civilian	19.6	18.8	18.7	16.8	15.0	15.9	15.7
Total ATC	73.5	82.3	79.7	66.8	85.9	96.9	100.3
<u>AU</u>							
Military	4.5	4.6	5.0	4.3	-	-	-
Civilian	2.4	2.3	2.3	2.1	-	-	-
Total AU	6.9	6.9	7.3	6.4	-	-	-
<u>HQ COMD</u>							
Military	29.8	21.3	19.5	15.4	-	-	-
Civilian	7.0	4.2	3.5	2.8	-	-	-
Total HQ COMD	36.8	25.5	23.0	18.2	-	-	-

(Continued on next page)

# USAF PERSONNEL ASSIGNED STRENGTH BY COMMAND/SOA (END OF FISCAL YEAR)

(IN THOUSANDS)  
(Continued)

<u>COMMAND/SOA</u>	<u>1970</u>	<u>1972</u>	<u>1974</u>	<u>1976</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
<u>HQ USAF</u>							
Military	3.0	3.9	3.9	3.9	1.7	1.9	4.2
Civilian	2.7	2.8	2.6	2.3	1.4	1.5	1.3
Total HQ USAF	5.7	6.7	6.5	6.2	3.1	3.4	5.5
<u>OSAF/AIR STAFF</u>							
Military	-	-	-	-	1.7	1.9	2.4
Civilian	-	-	-	-	1.4	1.5	.3
Total OSAF/AIR STAFF	-	-	-	-	3.1	3.4	2.7
<u>OTHER HAF ELEMENTS</u>							
Military	-	-	-	-	.9	.7	1.8
Civilian	-	-	-	-	.4	.4	.6
Total OTHER HAF ELEMENTS	-	-	-	-	1.3	1.1	2.4
<u>AF ELEMENTS</u>							
Military	-	-	-	-	5.3	5.0	5.9
Civilian	-	-	-	-	.3	.3	.4
Total AF ELEMENTS	-	-	-	-	5.6	5.3	6.3
<u>AF ELEMENTS, EUROPE</u>							
Military	-	-	-	-	2.3	2.1	2.3
Civilian	-	-	-	-	*	*	*
Total AF ELEMENTS, EUROPE	-	-	-	-	2.3	2.1	2.3
<u>MAC/ACIC</u>							
Military	74.4	69.5	54.9	71.8	71.0	72.0	71.0
Civilian	22.0	19.9	15.0	16.4	17.4	16.3	16.3
Total MAC/ACIC	96.4	89.4	69.9	88.2	88.4	88.3	87.3
<u>PACAF</u>							
Military	110.3	65.1	48.8	24.6	23.1	24.9	24.9
Civilian	34.1	21.0	16.1	10.8	9.6	9.7	9.8
Total PACAF	144.4	86.1	64.9	35.4	32.7	34.6	34.7
<u>SAC</u>							
Military	139.6	142.3	133.3	119.7	105.5	102.9	104.0
Civilian	17.5	19.6	20.5	19.2	13.4	13.1	13.7
Total SAC	157.1	161.9	153.8	138.9	118.9	116.0	117.7
<u>TAC</u>							
Military	93.0	98.4	81.1	80.3	87.0	86.0	97.9
Civilian	11.4	11.8	11.8	11.4	10.4	10.3	12.1
Total TAC	104.4	110.2	92.9	91.7	97.4	96.3	110.0

(Continued on next page)

# USAF PERSONNEL ASSIGNED STRENGTH BY COMMAND/SOA<sup>1</sup> (END OF FISCAL YEAR) (IN THOUSANDS) (CONTINUED)

COMMAND/SOA	1970 <sup>2</sup>	1972	1974	1976	1978	1979	1980
<u>USAF</u>							
Military	2.2	2.3	2.3	2.2	2.4	2.4	2.5
Civilian	2.1	2.0	2.0	2.0	1.8	1.7	1.7
Total USAFA	4.3	4.3	4.3	4.2	4.2	4.1	4.2
<u>USAFE</u>							
Military	46.2	46.6	46.4	45.6	50.8	53.7	55.4
Civilian	12.3	12.1	13.3	11.0	10.3	9.8	10.1
Total USAFE	58.5	58.7	59.7	56.6	61.1	63.5	65.5
<u>USAFSO</u>							
Military	2.5	1.9	1.6	-	-	-	-
Civilian	1.1	.9	.8	-	-	-	-
Total USAFSO	3.6	2.8	2.4	-	-	-	-
<u>ESC</u>							
Military	23.5	19.3	17.8	15.0	11.6	9.7	10.1
Civilian	2.1	2.0	2.5	2.6	2.0	.9	.9
Total ESC	25.6	21.4	20.3	17.6	13.6	10.6	11.0
<u>AFMEA</u>							
Military	-	-	-	.1	-	-	-
Civilian	-	-	-	*	-	-	-
Total AFMEA	-	-	-	.2	-	-	-
<u>AFESC</u>							
Military	-	-	-	-	.9	.3	.3
Civilian	-	-	-	-	9.6	.3	.3
Total AFESC	-	-	-	-	10.5	.6	.6
<u>AFCOMS</u>							
Military	-	-	-	-	.4	.4	.4
Civilian	-	-	-	-	9.6	8.8	8.9
Total AFCOMS	-	-	-	-	10.0	9.2	9.3
CADETS	4.1	4.4	4.4	4.4	4.4	4.4	4.4
MIL PIPELINE	55.0	46.5	38.8	30.9	33.7	31.4	38.6
ANG CIV	18.0	19.7	23.0	23.5	23.8	23.7	23.3
TRANSIENTS	-	-	-	-	18.6	18.7	19.4

\* Less than 50.

<sup>1</sup> Military data excludes non-chargeables.<sup>2</sup> Commencing 1970, civilian data excludes non-ceiling programs.

SOURCE: AF/MPP and AF/MPK Strength Reports.

# MAJOR INSTALLATIONS

## AUTHORIZED STRENGTH (FY 4/80)

### BY STATE

STATE/BASE	MIL	CIV	TOTAL	STATE/BASE	MIL	CIV	TOTAL
<u>Alabama</u>				<u>Georgia</u>			
Gunter AFS	1,141	881	2,022	Dobbins AFB	178	602	780
Maxwell AFB	2,108	1,567	3,675	Moody AFB	2,750	456	3,206
				Robins AFB	3,900	14,112	18,012
<u>Alaska</u>				<u>Hawaii</u>			
Eielson AFB	2,563	335	2,898	Hickam AFB	4,995	2,172	7,167
Elmendorf AFB	6,031	1,143	7,174	Wheeler AFB	471	131	602
Shemya AFS	534	26	560				
<u>Arizona</u>				<u>Idaho</u>			
Davis-Monthan AFB	5,049	1,336	6,385	Mountain Home AFB	4,219	466	4,685
Luke AFB	5,976	1,094	7,070				
Williams AFB	2,650	750	3,400	<u>Illinois</u>			
				Chanute AFB	2,519	1,348	3,867
<u>Arkansas</u>				Chicago O'Hare IAP	20	389	409
Blytheville AFB	2,599	367	2,966	Scott AFB	6,513	3,172	9,685
Little Rock AFB	5,967	666	6,633				
<u>California</u>				<u>Indiana</u>			
Beale AFB	3,962	610	4,572	Grissom AFB	2,295	673	2,968
Castle AFB	5,534	457	5,991				
Edwards AFB	3,624	2,029	5,653	<u>Kansas</u>			
George AFB	5,023	456	5,479	McConnell AFB	3,306	493	3,799
Los Angeles AFS	1,468	1,077	2,545				
March AFB	4,031	922	4,953	<u>Louisiana</u>			
Mather AFB	3,936	1,273	5,209	Barksdale AFB	5,397	964	6,361
McClellan AFB	3,067	12,271	15,338	England AFB	3,058	457	3,515
Norton AFB	5,338	2,875	8,213	New Orleans NAS	3	187	190
Travis AFB	8,411	2,327	10,738				
Vandenberg AFB	4,169	1,509	5,678	<u>Maine</u>			
				Loring AFB	3,389	614	4,003
<u>Colorado</u>							
Lowry AFB	3,316	4,027	7,343	<u>Maryland</u>			
Peterson AFB	1,439	758	2,197	Andrews AFB	5,140	2,620	7,760
AF Academy	2,386	1,827	4,213				
<u>Delaware</u>				<u>Massachusetts</u>			
Dover AFB	4,884	1,393	6,277	L.G. Hanscom AFB	1,838	2,741	4,579
				Westover AFB	102	702	804
<u>District of Columbia</u>							
Bolling AFB	1,686	878	2,564	<u>Michigan</u>			
				K.I. Sawyer AFB	3,750	439	4,189
<u>Florida</u>				Selfridge AFB	90	920	1,010
Eglin AFB	7,616	3,391	11,007	Wurtsmith AFB	2,749	390	3,139
Homestead AFB	4,841	900	5,741				
Hurlburt Fld AAF	3,433	329	3,762	<u>Minnesota</u>			
MacDill AFB	5,096	836	5,932	Duluth IAP	1,059	346	1,405
Patrick AFB	2,924	1,452	4,376	Minneapolis-St Paul IAP	39	341	380
Tyndall AFB	3,968	1,025	4,993				
				<u>Mississippi</u>			
				Columbus AFB	2,153	526	2,679
				Keesler AFB	5,595	2,585	8,180

# MAJOR INSTALLATIONS

## AUTHORIZED STRENGTH (FY 4/80)

### BY STATE

(CONTINUED)

STATE/BASE	MIL	CIV	TOTAL	STATE/BASE	MIL	CIV	TOTAL
<u>Missouri</u>				<u>South Carolina</u>			
Richards-Gebaur AFB	63	286	349	Charleston AFB	4,095	1,316	5,411
Whiteman AFB	3,088	429	3,517	Myrtle Beach AFB	2,898	445	3,343
				Shaw AFB	4,888	561	5,449
<u>Montana</u>				<u>South Dakota</u>			
Malmstrom AFB	4,372	532	4,904	Ellsworth AFB	6,073	597	6,670
<u>Nebraska</u>				<u>Tennessee</u>			
Offutt AFB	11,942	1,851	13,793	Arnold AFS	99	161	260
<u>Nevada</u>				<u>Texas</u>			
Nellis AFB	7,543	1,051	8,594	Bergstrom AFB	3,851	785	4,636
<u>New Hampshire</u>				Brooks AFB	1,393	883	2,276
Pease AFB	3,276	503	3,779	Carswell AFB	4,609	956	5,565
<u>New Jersey</u>				Dyess AFB	5,018	461	5,479
McGuire AFB	4,708	1,552	6,260	Goodfellow AFB	859	292	1,151
<u>New Mexico</u>				Kelly AFB	1,646	15,301	16,947
Cannon AFB	3,901	409	4,310	Lackland AFB	6,053	1,915	7,968
Holloman AFB	5,425	1,141	6,566	Laughlin AFB	2,015	563	2,578
Kirtland AFB	4,104	2,643	6,747	Randolph AFB	4,964	2,436	7,400
				Reese AFB	2,168	607	2,775
<u>New York</u>				Sheppard AFB	3,432	1,654	5,086
Griffiss AFB	3,694	2,906	6,600	<u>Utah</u>			
Hancock Fld	818	261	1,079	Hill AFB	5,105	13,206	18,311
Niagara Falls IAP	28	347	375	<u>Virginia</u>			
Plattsburgh AFB	3,771	427	4,198	Ft Lee AFS	478	55	533
<u>North Carolina</u>				Langley AFB	8,658	1,645	10,303
Pope AFB	3,635	335	3,970	<u>Washington</u>			
Seymour Johnson AFB	5,015	518	5,533	Fairchild AFB	3,801	611	4,412
<u>North Dakota</u>				McChord AFB	5,070	1,388	6,458
Grand Forks AFB	5,106	485	5,591	<u>Wisconsin</u>			
Minot AFB	5,415	516	5,931	Gen B. Mitchell Fld	14	276	290
<u>Ohio</u>				<u>Wyoming</u>			
Rickenbacker AFB	274	798	1,072	F.E. Warren AFB	3,655	464	4,119
Wright-Patterson AFB	3,700	7,316	11,016				
Youngstown MPT	4	297	301				
<u>Oklahoma</u>							
Altus AFB	3,473	609	4,082				
Tinker AFB	5,372	15,577	20,949				
Vance AFB	768	120	888				
<u>Pennsylvania</u>							
Greater Pittsburgh IAP	11	309	320				
Willow Grove NAS	14	245	259				

# RESERVE AND ANG FORCES

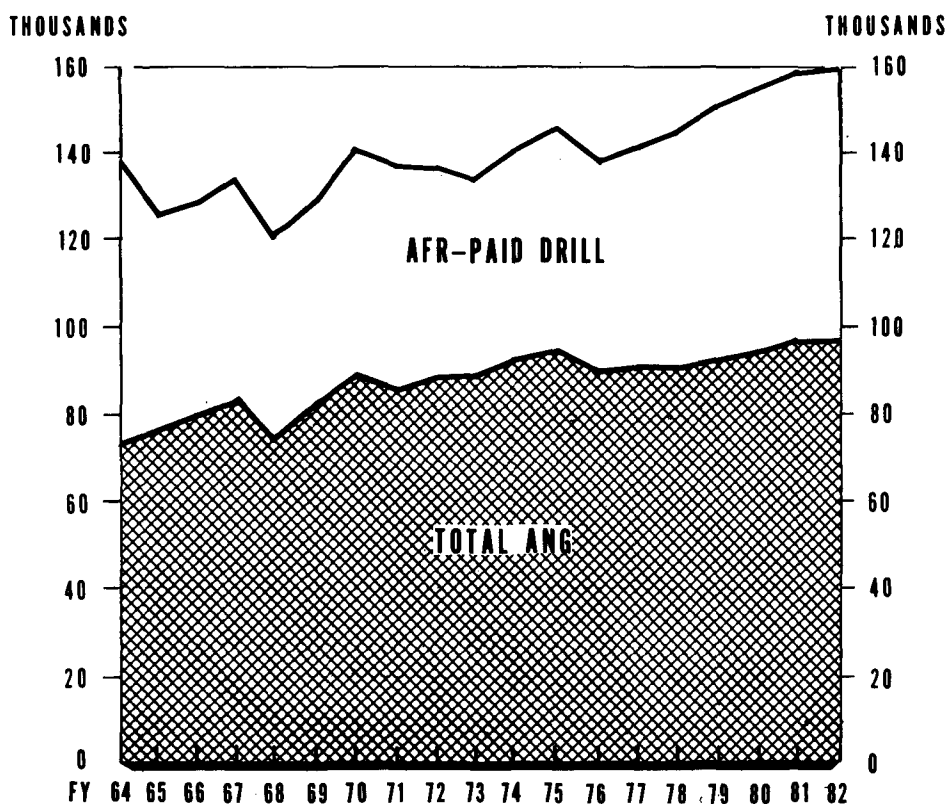
(THOUSANDS)

	<u>FY 1968</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u> <sup>1</sup>
Air Reserve Forces													
ANG Paid	75	86	89	90	94	95	91	92	92	93	96	98	99
AFR Paid <sup>2</sup>	46	52	49	45	48	52	49	51	55	58	60	62	64
AFR Non-Paid	145	193	155	135	119	85	82	61	45	40	45	43	42
Total Ready Reserve	266	331	293	270	261	232	222	204	192	191	201	203	205
Standby	101	107	64	46	46	45	44	44	43	43	41	44	44
Total ANG & Reserve	367	439	357	316	307	276	266	248	235	234	243	248	250

<sup>1</sup> Projected Program; includes full time active duty and paid Air National Guard.

<sup>2</sup> Includes Selected Reserve plus Category D (Active Duty Training Only) Participants.

NOTE: Totals may not add due to rounding.





## FAMILY HOUSING TRENDS

(End Fiscal Year)

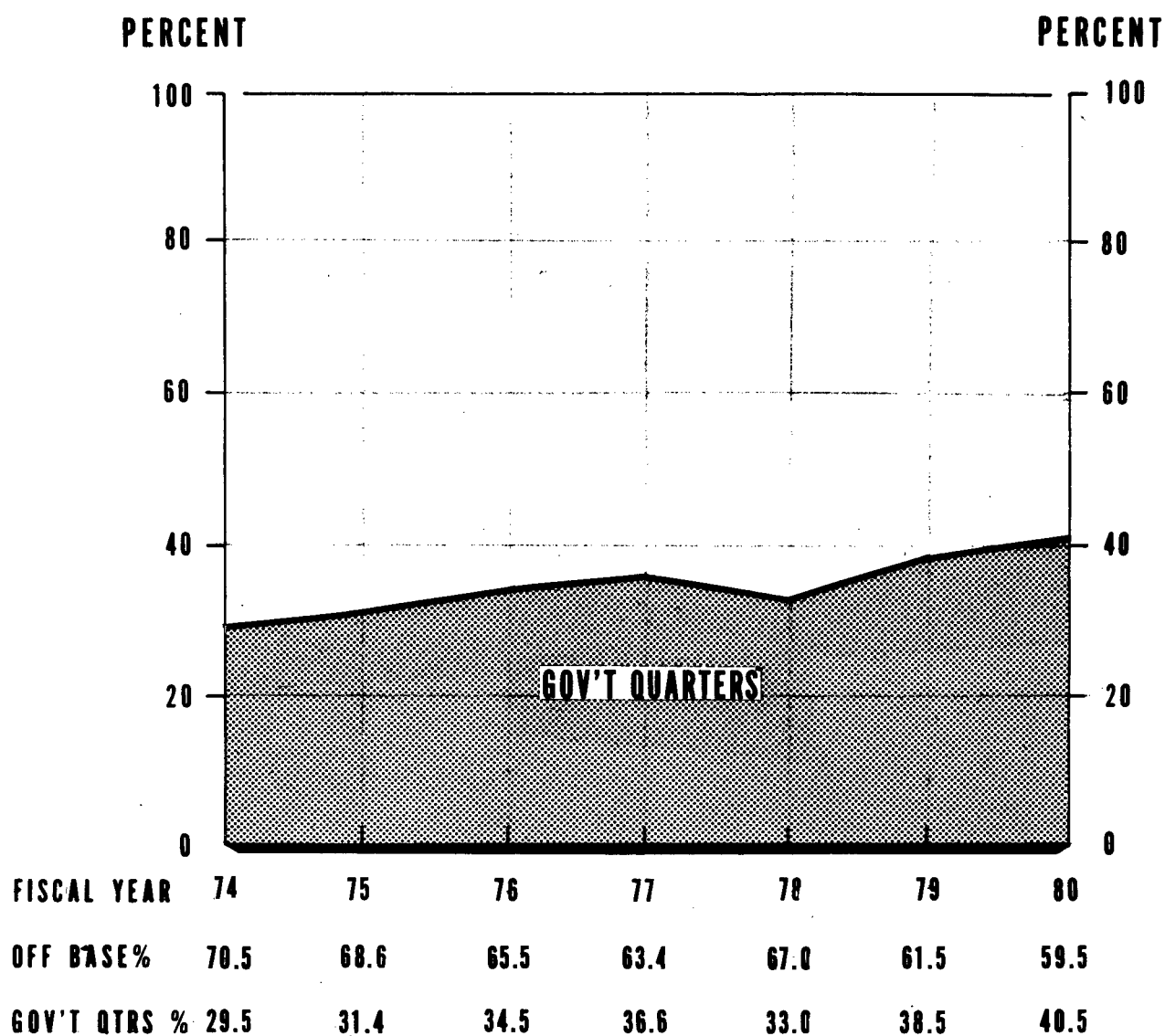
	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u> <sup>1</sup>
<u>TOTAL PERSONNEL (Thousands)</u>	639.4	608.2	580.2	574.9	568.2	559.8	553.9
<u>OFFICERS</u>	110.3	105.0	99.6	98.0	95.9	95.0	96.9
<u>AIRMEN</u>	529.1	503.2	481.2	476.9	472.3	464.8	457.1
<u>OFFICERS (With Dependents)</u>							
Living in Government Quarters	30,028	30,414	30,980	27,992	23,885	21,804	21,113
Living Off-Base with BAQ	62,670	58,265	50,492	53,222	53,774	53,929	53,933
<u>ENLISTED (With Dependents)</u>							
Living in Government Quarters	104,113	103,702	105,782	112,284	114,787	113,407	112,405
Living Off-Base with BAQ	257,663	235,272	209,725	190,086	227,684	165,929	154,224
<u>TOTALS</u>							
Living in Government Quarters	134,141	134,116	136,762	140,276	138,672	137,699 <sup>2</sup>	141,720 <sup>2</sup>
Living Off-Base with BAQ	320,333	293,537	260,217	243,308	281,458	219,858	208,157
<u>TOTAL ACTIVE GOVERNMENT UNITS</u>							
Beginning Year	140,988	137,421	139,102	142,475	141,681	140,913	140,255
End Year	137,421	139,102	142,475	141,681	140,913	140,255	147,740
Net per Year	-3,567	+1,681	+3,373	- 794	- 768	- 658	+7,485
 AVERAGE NUMBER OF VACANT UNITS	 1,400	 1,400	 1,400	 1,800	 2,700	 2,900	 2,770

<sup>1</sup> Personnel are expressed in terms of manyears.

<sup>2</sup> Includes other service military personnel and civilians occupying AF-controlled units.

SOURCE: MP-11 (AF/MPPN  
AF/MPPB  
AF/LEEH)

# HOUSING OF MEMBERS WITH DEPENDENTS



# RATED OFFICER REQUIREMENTS/INVENTORY

CATEGORY	PILOTS		NAVIGATORS	
	30 Sep 79	30 Sep 80	30 Sep 79	30 Sep 80
Force	9,577	9,472	5,069	4,610
Training	3,376	3,385	759	753
Supervision/Staff	5,858	5,691	2,872	3,121
Advanced Students	1,387	1,396	644	611
Surge and Drawdown/Support	2,502	1,992	937	959
Transients	637	565	282	273
Educational Development	436	462	170	144
Total Rated Requirement <sup>1</sup>	23,773	22,963	10,733	10,471
Total Rated Inventory <sup>1</sup>	22,471	21,896	10,694	10,125

	# RECEIVING INCENTIVE PAY		# ACTUALLY FLYING	
	Sep 79	Sep 80	Sep 79	Sep 80
Pilots:				
Colonel and General	1,519	1,345	613	456
Lt Colonel and Below	22,225	21,660	17,932	17,382
Navigators:				
Colonel and General	396	359	7	6
Lt Colonel and Below	10,562	10,004	7,629	6,956
TOTALS	34,702	33,368	26,181	24,800

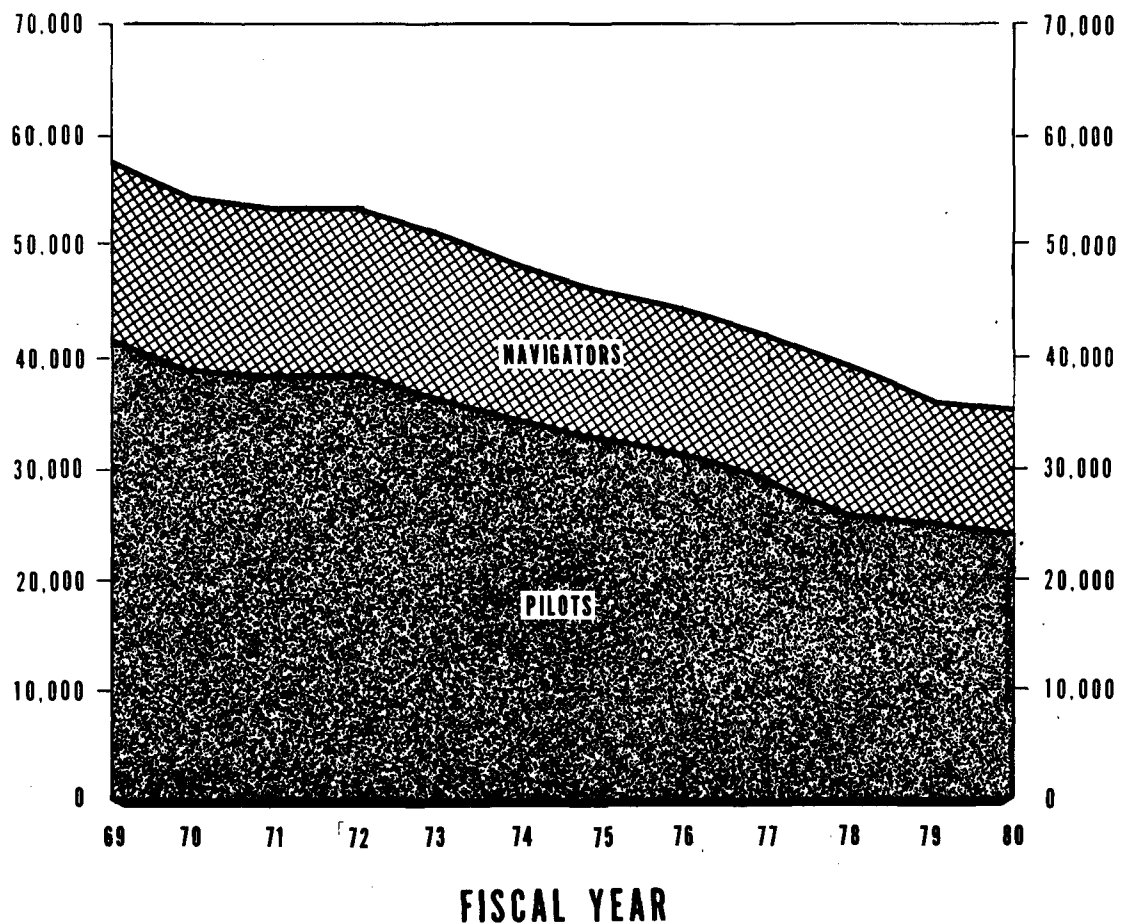
<sup>1</sup> Colonels and Generals are not included in the Rated Inventory or Rated Requirements.

# RATED OFFICERS ON FLYING STATUS

	<u>FY 69</u>	<u>FY 70</u>	<u>FY 71</u>	<u>FY 72</u>	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
Pilots	41,367	39,052	38,893	39,035	36,865	34,634	32,716	31,284	29,222	27,624	25,040	24,367
Navigators	16,382	15,304	14,885	14,692	14,315	13,780	13,923	13,396	12,842	12,177	11,317	10,733
TOTAL	57,749	54,356	53,778	53,727	51,180	48,414	46,639	44,680	42,064	39,801	36,357	35,100

NOTE: The above data reflects pilots and navigators serving in all grades.

## RATED OFFICERS ON FLYING STATUS

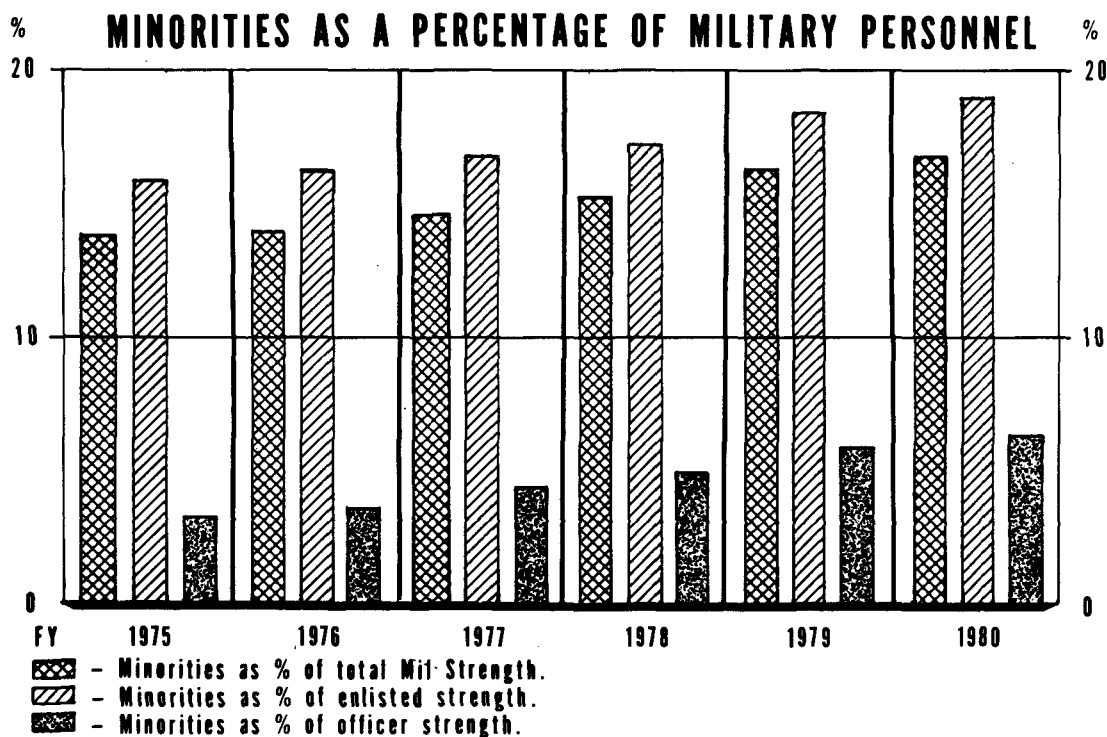


# MILITARY PERSONNEL

## MINORITIES BY GRADE

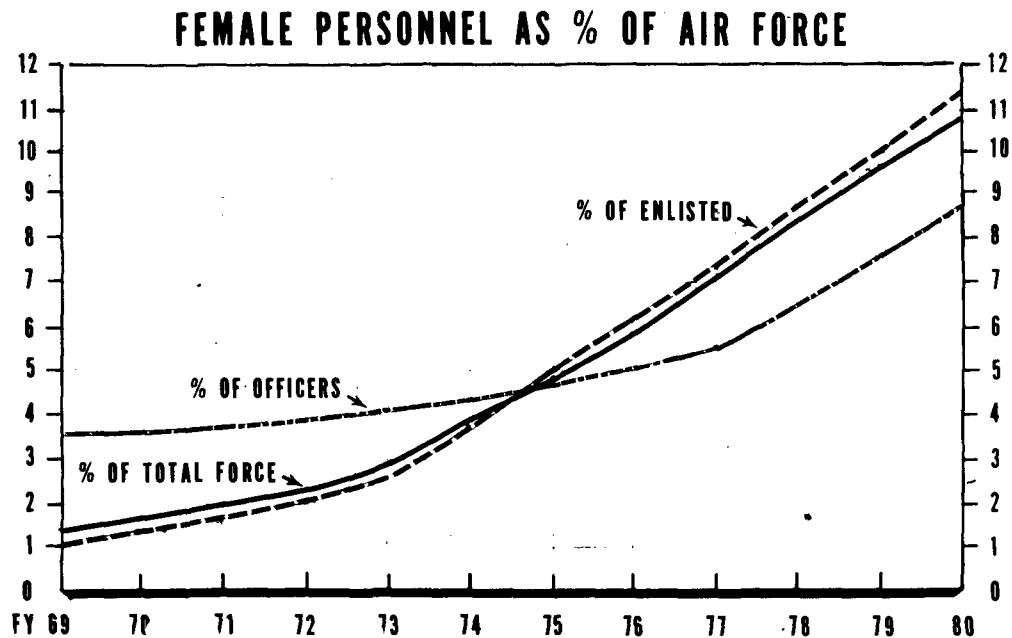
(End of Fiscal Year)

	1975		1976		1977		1978		1979		1980	
	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other	Black	Other
Officers - Total	2,670	718	2,757	784	3,116	1,095	3,461	1,309	4,087	1,529	4,567	1,665
General	5	1	5	1	7	1	8	1	7	3	10	2
Colonel	76	26	82	27	81	39	76	41	79	43	94	49
Lt Colonel	178	66	178	78	181	106	194	126	231	151	266	160
Major	366	155	394	183	449	260	462	351	443	387	429	353
Captain	911	283	914	284	1,112	405	1,324	466	1,456	471	1,582	499
1st Lieutenant	461	86	628	108	670	124	597	127	703	163	876	202
2nd Lieutenant	672	101	556	103	616	160	800	197	1,168	311	1,310	400
Warrant Officer	1	0	0	0	0	0	0	0	0	0	0	0
Enlisted - Total	72,530	5,481	70,772	6,532	68,772	9,763	69,954	11,333	72,659	12,443	74,495	12,949
CMSgt (E-9)	283	23	325	26	346	33	386	39	393	49	430	44
SMSgt (E-8)	768	51	803	45	917	68	992	81	1,020	90	1,091	116
MSgt (E-7)	3,622	225	3,653	239	3,921	343	4,220	405	4,425	467	4,624	494
TSgt (E-6)	8,178	426	8,121	434	7,859	612	7,688	686	7,869	768	7,880	829
SSgt (E-5)	14,677	902	13,977	915	15,077	1,503	16,513	1,964	17,741	2,262	18,820	2,576
Sgt (E-4)	20,320	1,643	21,093	1,810	21,727	2,564	19,603	2,824	17,629	3,326	16,762	3,659
Amn 1st (E-3)	15,475	1,445	15,429	1,485	11,295	2,437	11,642	3,239	13,653	3,363	16,404	3,428
Amn (E-2)	6,428	514	5,218	950	3,933	1,105	4,449	1,076	4,851	997	4,556	956
Amn Basic (E-1)	2,779	252	2,153	628	3,697	1,098	4,461	1,019	5,078	1,121	3,928	847
TOTAL	75,200	6,199	73,529	7,316	71,888	10,858	73,415	12,642	76,746	13,972	79,062	14,614
% of Total Force	12.9	1.0	12.7	1.3	12.7	1.9	13.0	2.2	13.8	2.5	14.3	2.6
Officers (% of												
Total Off)	2.7	.7	2.8	.8	3.3	1.1	3.6	1.4	4.3	1.6	4.7	1.7
Enlisted (% of												
Total Enl)	14.7	1.1	14.7	1.5	14.7	2.1	14.9	2.4	15.8	2.7	16.3	2.8



# MILITARY PERSONNEL FEMALE PERSONNEL, BY GRADE (As of End Fiscal Year)

	<u>FY 70</u>	<u>FY 72</u>	<u>FY 74</u>	<u>FY 76</u>	<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
Female Officers - Total	4,667	4,766	4,767	4,965	6,008	7,272	8,508
Generals	-	1	1	2	2	2	3
Colonels	26	53	73	54	50	51	60
Lieutenant Colonels	329	296	268	278	309	307	312
Majors	807	798	752	634	719	719	735
Captains	1,811	1,856	1,579	1,774	2,246	2,629	2,889
First Lieutenants	1,019	1,052	1,037	1,311	1,397	1,555	1,918
Second Lieutenants	675	710	957	912	1,285	2,009	2,591
Warrant Officers	-	-	-	-	-	-	-
Enlisted Females - Total	8,987	11,725	19,465	29,235	41,084	45,954	51,397
Chief Master Sergeant (E-9)	6	11	12	12	11	11	12
Senior Master Sergeant (E-8)	31	28	33	30	30	26	28
Master Sergeant (E-7)	149	136	98	79	92	104	111
Technical Sergeant (E-6)	257	207	171	183	252	331	458
Staff Sergeant (E-5)	609	919	1,216	1,389	3,445	5,373	7,339
Sergeant (E-4)	1,912	3,607	4,879	8,422	12,524	13,248	15,171
Airman First Class (E-3)	3,329	4,116	6,758	11,278	13,149	15,484	17,468
Airman Second Class (E-2)	2,080	2,054	3,932	5,367	6,079	6,122	6,073
Airman Basic (E-1)	614	647	2,371	2,475	5,129	5,255	4,737
Air Force Academy Cadets	-	-	-	157	373	473	504
<b>TOTAL FEMALES</b>	<b>13,654</b>	<b>16,491</b>	<b>24,232</b>	<b>34,357</b>	<b>47,092</b>	<b>53,699</b>	<b>60,409</b>
% of Total Force	1.7	2.3	3.8	5.9	8.3	9.6	10.8
Officers (% of Total Officers)	3.6	3.9	4.3	5.0	6.3	7.6	8.7
Enlisted (% of Total Enlisted)	1.4	2.0	3.7	6.1	8.7	10.0	11.4



# MILITARY PERSONNEL

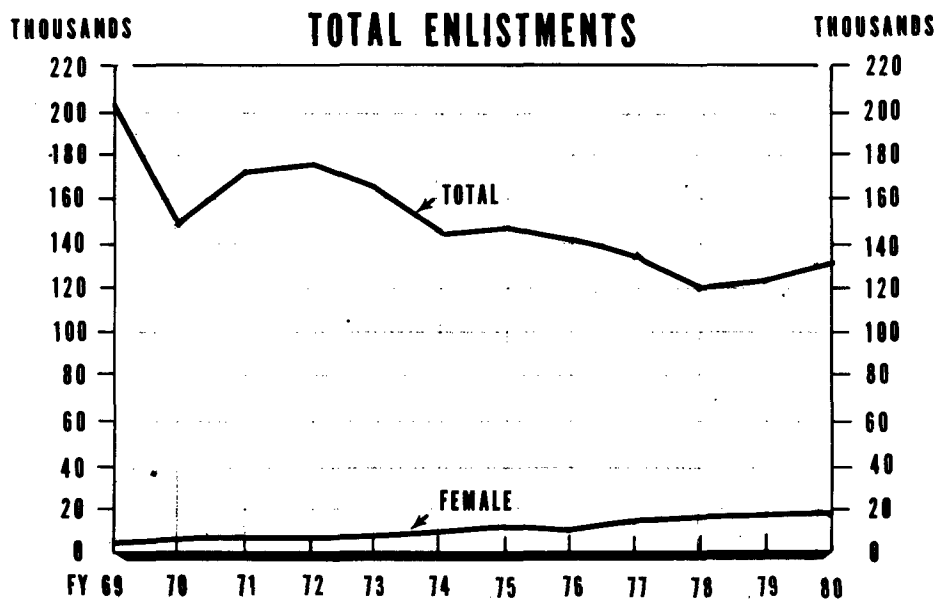
## AIRMEN ENLISTMENTS AND REENLISTMENTS

(Thousands)

	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79	FY 80
<b>TOTAL</b>	205.3	148.1	173.7	175.7	165.4	143.8	146.1	141.4	134.1	119.6	123.4	131.7
Male	200.8	143.1	168.7	170.1	157.8	134.1	134.7	130.9	121.7	104.3	105.9	113.3
Female	4.5	4.9	5.0	5.6	7.5	9.8	11.4	10.5	12.4	15.3	17.5	18.4
<b>Non-Prior Service</b>	116.8	72.9	96.2	86.0	93.9	73.5	75.6	73.0	72.5	68.0	66.6	71.8
Male	113.0	68.5	91.9	81.5	87.7	65.5	65.5	64.1	62.6	55.3	53.2	57.9
Female	3.8	4.4	4.3	4.5	6.2	8.0	10.0	8.9	9.9	12.7	13.4	13.9
<b>OTS</b>	5.0	4.5	3.9	3.0	2.7	1.6	.5	.2	.4	1.1	3.3	3.3
Male	4.7	4.3	3.6	2.8	2.4	1.3	.4	.2	.3	.8	2.4	2.5
Female	.3	.2	.3	.2	.3	.3	.1	*	.1	.3	.9	.8
<b>Prior Service</b>	1.0	.9	5.8	8.4	7.1	2.7	2.5	1.5	1.4	1.3	1.4	3.0
Male	1.0	.9	5.8	8.3	6.9	2.6	2.4	1.5	1.4	1.2	1.3	2.8
Female	*	*	*	.1	.2	.1	.1	*	*	.1	.1	.2
<b>Immediate Reenlistment</b>	82.4	69.8	67.8	78.3	61.7	66.0	67.5	66.7	59.8	49.2	52.1	53.6
Male	82.1	69.4	67.4	77.6	60.8	64.7	66.3	65.1	57.4	47.0	49.0	50.1
Female	.3	.3	.4	.7	.9	1.3	1.2	1.6	2.4	2.2	3.1	3.5
<b>First Term Reenlistment Rate</b>												
Rate (%)	15.2	15.8	20.3	32.6	20.4	31.1	40.1	37.3	39.0	41.1	38.0	35.8

\* Less than .50

NOTE: Numbers may not add due to rounding.



# MILITARY PAY AND ALLOWANCES

## AIR FORCE- AVERAGE

FY 1981

<u>Grade</u>	<u>Basic Pay</u>	<u>BAQ</u>	<u>Misc Expense</u>	<u>Incentive Special Pay</u>	<u>Annual Composite Standard Rates</u>
0-10	50,113	562	8,720	-	59,395
0-9	50,113	375	6,115	117	56,720
0-8	50,113	1,620	4,247	271	56,251
0-7	45,990	2,330	4,286	590	53,196
0-6	37,891	4,058	4,042	3,207	49,198
0-5	30,797	4,736	3,548	2,466	41,547
0-4	25,619	4,162	3,116	2,286	35,183
0-3	21,227	3,584	3,219	2,225	30,255
0-2	16,405	2,430	2,674	646	22,155
0-1	12,260	1,836	2,572	394	17,062
E-9	20,782	2,756	3,250	115	26,903
E-8	17,224	2,303	3,177	136	22,040
E-7	14,533	2,111	3,073	115	19,832
E-6	12,295	1,827	2,972	103	17,197
E-5	9,979	1,609	2,931	84	14,603
E-4	8,474	1,442	2,765	56	12,737
E-3	7,196	866	2,540	34	10,636
E-2	6,698	545	2,401	28	9,672
E-1	6,011	345	2,350	20	8,726
Cadets	5,034		1,544		6,578



# AVERAGE ANNUAL PAY RATES

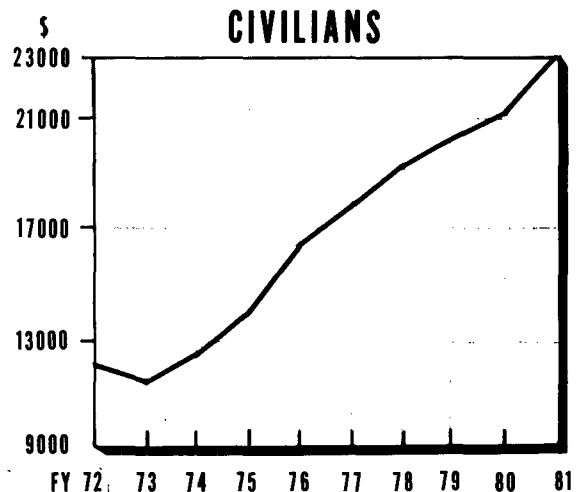
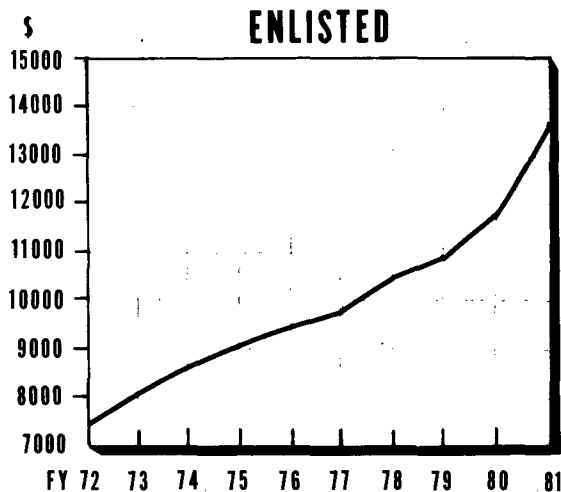
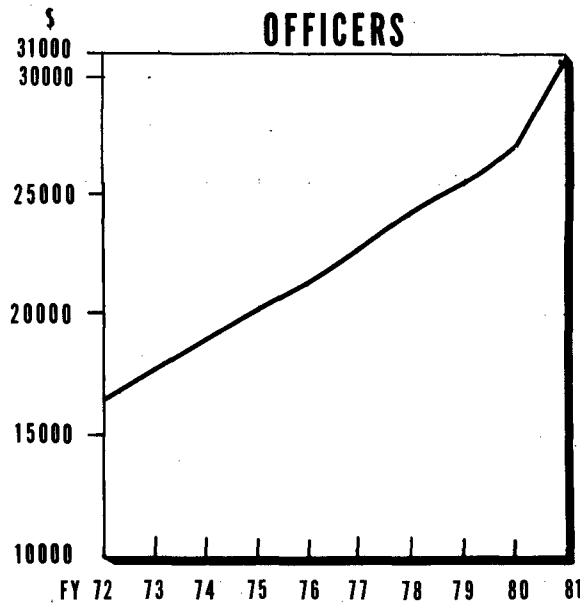
Fiscal Year	1970	1972	1974	1976	1978	1980	1981(Est)
OFFICERS	\$14,567	\$16,531	\$18,991	\$21,366	\$24,224	\$27,016	\$30,815
ENLISTED	5,905	7,320	8,634	9,401	10,337	11,831	13,754
CIVILIANS	10,659	12,255	12,739	16,304	19,080	21,275	23,184

## FY 70-81 Increase

Officers: 115.5%  
 Enlisted: 132.9%  
 Civilian: 117.5%

NOTE: Includes the following factors:

Military: Base pay; incentive, special and foreign duty pay; BAQ and subsistence; overseas station allowance, initial clothing allowance; family separation allowance; employers FICA contribution; etc.  
Civilian: Base pay; overtime pay; holiday pay; night differentials; COLA; government cost for employee benefits; FICA as applicable; employer retirement contribution; etc.



# PAY AND ALLOWANCES OF THE UNIFORMED SERVICES

## MONTHLY BASIC PAY AS OF 1 OCTOBER 1980

### YEARS OF SERVICE

AF/ACF/72288

PAY GRADE	Under 2	2	3	4	6	8	10	12	14	16	18	20	22	26
<u>COMMISSIONED OFFICERS</u>														
O-10	\$3,942.90	\$4,081.50	\$4,081.50	\$4,081.50	\$4,081.50	\$4,238.10	\$4,238.10	\$4,562.70	\$4,562.70	\$4,889.10	\$4,889.10	\$5,216.10	\$5,216.10	\$5,541.60
O-9	3,494.40	3,586.20	3,662.40	3,662.40	3,662.40	3,755.70	3,755.70	3,911.70	3,911.70	4,238.10	4,238.10	4,562.70	4,562.70	4,889.10
O-8	3,165.00	3,259.80	3,337.20	3,337.20	3,337.20	3,586.20	3,586.20	3,755.70	3,755.70	3,911.70	4,081.50	4,238.10	4,407.90	4,407.90
O-7	2,629.80	2,808.90	2,808.90	2,808.90	2,934.60	2,934.60	3,105.00	3,105.00	3,259.80	3,586.20	3,832.50	3,832.50	3,832.50	3,832.50
O-6	1,949.40	2,142.00	2,281.80	2,281.80	2,281.80	2,281.80	2,281.80	2,281.80	2,359.20	2,732.70	2,872.50	2,934.60	3,105.00	3,367.50
O-5	1,559.10	1,830.90	1,957.20	1,957.20	1,957.20	1,957.20	2,016.90	2,124.90	2,267.10	2,436.90	2,577.00	2,654.70	2,747.40	2,747.40
O-4	1,314.30	1,599.90	1,707.00	1,707.00	1,738.20	1,815.60	1,939.20	2,048.40	2,142.00	2,235.60	2,297.70	2,297.70	2,297.70	2,297.70
O-3	1,221.30	1,365.30	1,459.50	1,614.90	1,692.00	1,753.20	1,847.40	1,939.20	1,986.90	1,986.90	1,986.90	1,986.90	1,986.90	1,986.90
O-2	1,064.70	1,163.10	1,397.10	1,444.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20	1,474.20
O-1	924.30	962.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10	1,163.10

#### COMMISSIONED OFFICERS WITH OVER 4 YEARS ACTIVE ENLISTED OR WARRANT OFFICER SERVICE

O-3	0	0	0	1,614.90	1,692.00	1,753.20	1,847.40	1,939.20	2,016.90	2,016.90	2,016.90	2,016.90	2,016.90	2,016.90
O-2	0	0	0	1,444.20	1,474.20	1,521.00	1,599.90	1,661.40	1,707.00	1,707.00	1,707.00	1,707.00	1,707.00	1,707.00
O-1	0	0	0	1,163.10	1,242.30	1,288.20	1,334.70	1,381.20	1,444.20	1,444.20	1,444.20	1,444.20	1,444.20	1,444.20

#### WARRANT OFFICERS

W-4	1,244.10	1,334.70	1,334.70	1,365.30	1,427.40	1,490.40	1,552.80	1,661.40	1,738.20	1,799.70	1,847.40	1,907.70	1,971.60	2,124.90
W-3	1,131.00	1,226.70	1,226.70	1,242.30	1,257.00	1,348.80	1,427.40	1,474.20	1,521.00	1,566.60	1,614.90	1,677.30	1,738.20	1,799.70
W-2	990.60	1,071.30	1,071.30	1,102.50	1,163.10	1,226.70	1,272.90	1,319.70	1,365.30	1,413.00	1,459.50	1,505.70	1,566.60	1,566.60
W-1	825.30	946.20	946.20	1,025.10	1,071.30	1,117.50	1,163.10	1,211.10	1,257.00	1,303.20	1,348.80	1,397.10	1,397.10	1,397.10

#### ENLISTED MEMBERS

E-9	0	0	0	0	0	0	1,413.60	1,445.70	1,478.40	1,512.60	1,546.20	1,576.20	1,659.30	1,820.40
E-8	0	0	0	0	0	1,185.90	1,219.20	1,251.60	1,284.30	1,317.90	1,348.50	1,381.50	1,462.80	1,626.00
E-7	828.00	893.70	927.00	959.10	992.10	1,023.30	1,056.30	1,089.00	1,138.20	1,170.60	1,203.60	1,219.20	1,301.10	1,462.80
E-6	715.20	779.70	812.40	846.60	878.10	910.20	943.50	992.10	1,023.30	1,056.30	1,072.20	1,072.20	1,072.20	1,072.20
E-5	627.90	683.40	716.40	747.60	776.50	828.90	862.20	893.70	910.20	910.20	910.20	910.20	910.20	910.20
E-4	603.60	637.50	674.70	727.20	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00	756.00
E-3	580.50	612.30	636.90	662.10	662.10	662.10	662.10	662.10	662.10	662.10	662.10	662.10	662.10	662.10
E-2	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60	558.60
E-1	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30	501.30

While serving as Chairman of the Joint Chiefs of Staff, Chief of Staff of the Army, Chief of Naval Operations, Chief of Staff of the Air Force, or Commandant of the Marine Corps, basic pay for this grade is \$6,114.30 regardless of cumulative years of service (See \* below).

Highest Enlisted Rank. While serving as Sergeant Major of the Army, Master Chief Petty Officer of the Navy, Chief Master Sergeant of the Air Force or Sergeant Major of the Marine Corps, basic pay for this grade is \$2,212.80 regardless of cumulative years of service.

\* Basic pay is limited to \$4,176.00 by Level V of the Executive Schedule.

PERS 21

# MONTHLY BASIC ALLOWANCE FOR QUARTERS RATES

1 Oct 80

<u>Pay Grade</u>	<u>Without Dependents</u>		<u>With Dependents</u>
	<u>Full Rate</u>	<u>Partial Rate</u>	
<u>COMMISSIONED OFFICERS</u>			
O-10	\$427.80	\$50.70	\$535.20
O-9	427.80	50.70	535.20
O-8	427.80	50.70	535.20
O-7	427.80	50.70	535.20
O-6	384.00	39.60	468.60
O-5	354.00	33.00	426.30
O-4	315.30	26.70	380.40
O-3	277.20	22.20	342.00
O-2	240.60	17.70	304.50
O-1	187.80	13.20	244.50
<u>WARRANT OFFICERS</u>			
W-4	\$303.60	\$25.20	\$366.60
W-3	270.90	20.70	333.90
W-2	235.50	15.90	299.70
W-1	212.70	13.80	275.40
<u>ENLISTED MEMBERS</u>			
E-9	\$229.20	\$18.60	\$322.50
E-8	211.20	15.30	297.90
E-7	179.70	12.00	277.20
E-6	163.20	9.90	255.00
E-5	156.90	8.70	234.30
E-4	138.30	8.10	206.10
E-3	123.60	7.80	179.70
E-2	109.20	7.20	179.70
E-1	103.20	6.90	179.70

## BASIC ALLOWANCE FOR SUBSISTENCE RATES

Officers:	\$ 82.58
Enlisted Members:	\$ -0-
When on leave or authorized mess separately:	\$ 3.94
When rations in-kind are not available:	\$ 4.45
When assigned to duty under emergency conditions where no messing facilities of the United States are available:	\$ 5.89

# MILITARY BASIC PAY TREND AND CURRENT FLIGHT PAY

1 Oct 80

<u>PAY GRADE</u>	<u>YEARS SERVICE</u>	<u>JULY 68</u>	<u>1 JAN 72</u>	<u>1 OCT 80</u>	<u>CURRENT CREW MEMBER FLIGHT PAY</u>	<u>% INCREASE JUL 68-OCT 80</u>
E-1	0-2	145.50	288.00	501.30	69	245
E-2	0-2	159.00	320.70	558.60	75	251
E-3	0-2	192.00	333.60	612.30	75	219
E-4	2-3	238.50	366.00	637.50	81	167
E-5	4-6	304.80	429.30	747.60	100	145
E-6	14-16	417.30	587.70	1,023.30	125	145
E-7	18-20	490.50	690.60	1,203.60	131	145
E-8	20-22	563.40	793.50	1,381.50	131	145
E-9	22-26	676.50	952.80	1,659.30	131	145
W-1	10-12	474.30	667.80	1,163.10		145
W-2	16-18	576.00	811.20	1,413.00		145
W-3	20-22	683.70	962.70	1,677.30		145
W-4	26-30	866.40	1,219.80	2,124.90		145
O-1	0-2	379.80	530.70	962.10		153
O-2	2-3	474.30	802.20	1,163.10		145
O-3	6-8	689.70	971.40	1,692.00		145
O-4	14-16	873.30	1,230.00	2,142.00		145
O-5	20-22	1,082.10	1,523.70	2,654.70		145
O-6	26-30	1,373.10	1,933.20	3,367.50		145
O-7	26-30	1,563.00	2,200.50	3,832.50		145
O-8	26-30	1,797.60	2,531.10	4,176.00		132
O-9	26-30	1,933.80	2,807.10	4,176.00		116
O-10	26-30	2,259.60	3,000.00	4,176.00		85

## MONTHLY INCENTIVE PAY RATES - RATED OFFICERS, FLIGHT SURGEONS AND OTHER DESIGNATED MEDICAL OFFICERS<sup>1</sup>

### PHASE I

<u>Monthly Rate</u>	<u>Years of Aviation Service (Including Flight Training) as an Officer</u>
\$ 125.00	2 or less
\$ 156.00	Over 2
\$ 188.00	Over 3
\$ 206.00	Over 4
\$ 306.00	Over 6

### PHASE II

<u>Monthly Rate</u>	<u>Years of Service as an Officer Computed under 37 U.S.C. 205</u>
\$ 281.00	Over 18
\$ 256.00	Over 20
\$ 231.00	Over 22
\$ 206.00	Over 24
\$ 0.00	Over 25

## MONTHLY INCENTIVE PAY RATES-RATED OR DESIGNATED WARRANT OFFICERS

<u>Monthly Rate</u>	<u>Years of Aviation Service as an Officer</u>
\$ 125.00	2 or less
\$ 138.00	Over 2
\$ 250.00	Over 6

## NON-CREW MEMBER FLYING PAY

	<u>Monthly Rate</u>
Officer	\$ 110.00
Enlisted Non-Crew Member	\$ 55.00

- 1a. A rated officer in pay grade O-7 may not be paid incentive pay at a rate greater than \$200 per month.
- b. A rated officer in pay grade O-8 or above may not be paid incentive pay at a rate greater than \$206 per month.
- c. Officers with more than 18 yrs of officer service and less than 6 yrs aviation service are entitled to Phase I rates

# CIVILIAN PAY SCHEDULE GENERAL SCHEDULE EMPLOYEES

1 Oct 80

<u>GRADE</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>Amount of Step Increase</u>
GS- 1	7960	8225	8490	8755	9020	9175	9437	9699	9712	9954	
2	8951	9163	9459	9712	9820	10109	10398	10687	10976	11265	
3	9766	10092	10418	10744	11070	11396	11722	12048	12374	12700	326
4	10963	11328	11693	12058	12423	12788	13153	13518	13883	14248	365
5	12266	12675	13084	13493	13902	14311	14720	15129	15538	15947	409
6	13672	14128	14584	15040	15496	15952	16408	16864	17320	17776	456
7	15193	15699	16205	16711	17217	17723	18229	18735	19241	19747	506
8	16826	17387	17948	18509	19070	19631	20192	20753	21314	21875	561
9	18585	19205	19825	20445	21065	21685	22305	22925	23545	24165	620
10	20467	21149	21831	22513	23195	23877	24559	25241	25923	26605	682
11	22486	23236	23986	24736	25486	26236	26986	27736	28486	29236	750
12	26951	27849	28747	29645	30543	31441	32339	33237	34135	35033	898
13	32048	33116	34184	35252	36320	37388	38456	39524	40592	41660	1068
14	37871	39133	40395	41657	42919	44181	45443	46705	47967	49229	1262
15	44547	46032	47517	49002	50487*	51972*	53457*	54942*	56427*	57912*	1485
16	49198	50838*	52478*	54118*	55758*	57398*	58500*	58500*	58500*		1640
17	53849*	55644*	57439*	58500*	58500*						1795
18	58500*										

\* Basic pay is limited by Section 5308 of Title 5 of the United States Code to the rate for level V of the Executive Schedule. In addition, pursuant to Section 101 of the Continuing Resolution Authority, 1980, funds are not available to pay a salary in this schedule at a rate which exceeds the rate for level V of the Executive Schedule in effect on September 30, 1980, which is 50112.50.

# CONSOLIDATED SCHEDULE OF PERMANENT AF POSITIONS

PAID FROM FUNDS AVAILABLE TO THE AIR FORCE			
Fiscal Year	1980 Actual	1981 Estimate	1982 Estimate
Executive Level II	1	1	1
Executive Level IV	<u>4</u>	<u>4</u>	<u>4</u>
Subtotal	<u>5</u>	<u>5</u>	<u>5</u>
ES-6	0	1	1
ES-5	1	5	5
ES-4	180	176	176
ES-3	31	21	21
ES-2	10	12	12
ES-1	<u>-</u>	<u>8</u>	<u>8</u>
Subtotal	<u>222</u>	<u>223</u>	<u>223</u>
GS-17	1	1	1
GS-16	2	2	2
GS/GM-15	899	890	890
GS/GM-14	2,896	2,852	2,852
GS/GM-13	8,355	8,330	8,330
GS-12	14,689	14,281	14,441
GS-11	14,806	14,290	14,541
GS-10	1,220	1,196	1,232
GS-9	17,027	16,665	16,982
GS-8	3,488	3,408	3,450
GS-7	12,895	12,917	13,185
GS-6	8,947	8,762	8,996
GS-5	21,562	21,101	21,565
GS-4	17,012	16,653	17,005
GS-3	10,008	9,802	9,981
GS-2	1,486	1,450	1,479
GS-1	336	326	370
Subtotal	<u>135,629</u>	<u>132,926</u>	<u>135,302</u>
Positions established by the Secretary of Defense( 10 USC 1581) Scientific and Professional	<u>8</u>	<u>7</u>	<u>7</u>
Ungraded	<u>84,735</u>	<u>84,521</u>	<u>85,558</u>
TOTAL PERMANENT POSITIONS	220,599	217,682	221,095
Unfilled positions, end of year	<u>0</u>	<u>-1,958</u>	<u>-1,936</u>
TOTAL PERMANENT EMPLOYMENT, END OF YEAR	<u>220,599</u>	<u>215,724</u>	<u>219,159</u>

# AIR FORCE MILITARY RETIREMENT PROGRAM (END OF FISCAL YEAR)

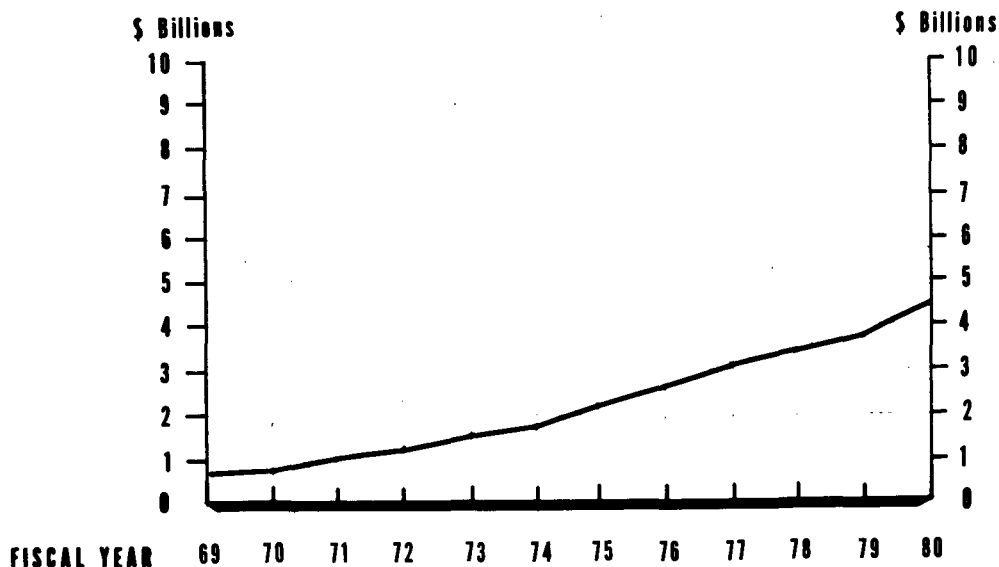
TOTAL ON RETIRED ROLLS (CUMULATIVE)<sup>1</sup>  
(IN THOUSANDS)

	1970	1972	1974	1976	1978	1979	1980
TOTAL	226.7	283.4	340.8	392.4	435.1	452.3	468.5
Officer	( 73.1)	( 85.5)	( 95.7)	( 105.1)	( 116.0)	( 121.4)	( 126.8)
%	32.2	30.2	28.1	26.8	26.6	26.8	27.1
Enlisted	( 151.5)	( 195.3)	( 240.3)	( 279.1)	( 307.1)	( 317.1)	( 326.0)
%	66.8	68.9	70.5	71.1	70.6	70.1	69.6
Survivor Benefits	( 2.0)	( 2.6)	( 4.8)	( 8.2)	( 12.0)	( 13.8)	( 15.7)
%	.9	.9	1.4	2.1	2.8	3.1	3.3

## TOTAL PAYROLL COST (ANNUAL) (DOLLARS IN MILLIONS)

TOTAL	872.2	1,291.3	1,805.8	2,653.9	3,380.0	3,799.3	4,421.8
Officer	( 462.0)	( 662.7)	( 868.0)	(1,214.4)	(1,521.8)	(1,706.3)	(1,987.4)
%	52.9	51.3	41.1	45.8	45.0	44.9	44.9
Enlisted	( 407.1)	( 624.2)	( 928.9)	(1,419.9)	(1,824.5)	(2,046.2)	(2,373.6)
%	46.7	48.3	51.4	53.5	54.0	53.9	53.7
Survivor Benefits	( 3.1)	( 4.4)	( 8.9)	( 19.6)	( 33.7)	( 46.8)	( 60.8)
%	.4	.4	.5	.7	1.0	1.2	1.4

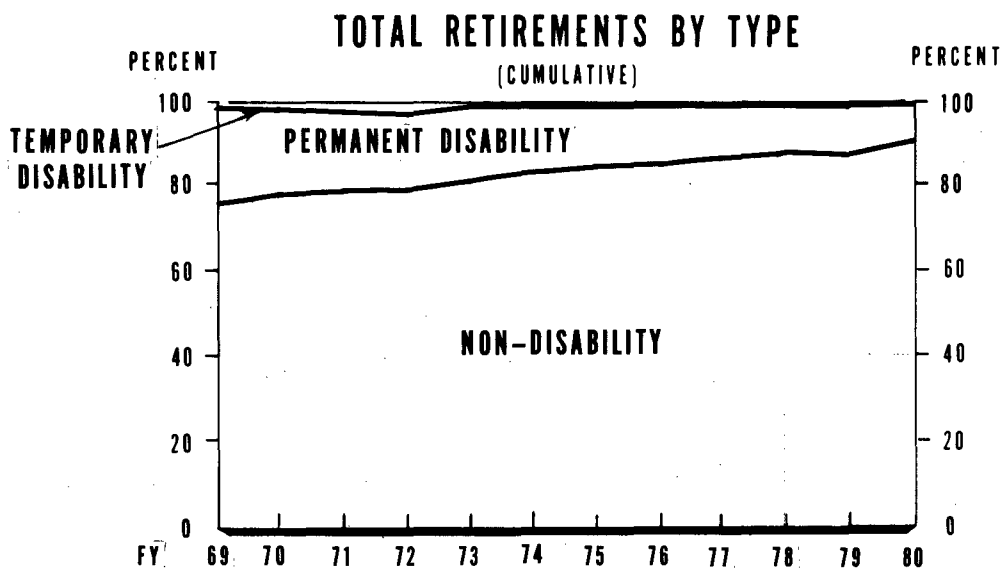
<sup>1</sup> Depicts number on AF rolls only, i.e., excludes VA and disability retirements.



# USAF RETIRED MILITARY PERSONNEL RETIREMENTS BY TYPE (END OF FISCAL YEAR-CUMULATIVE) (IN THOUSANDS)

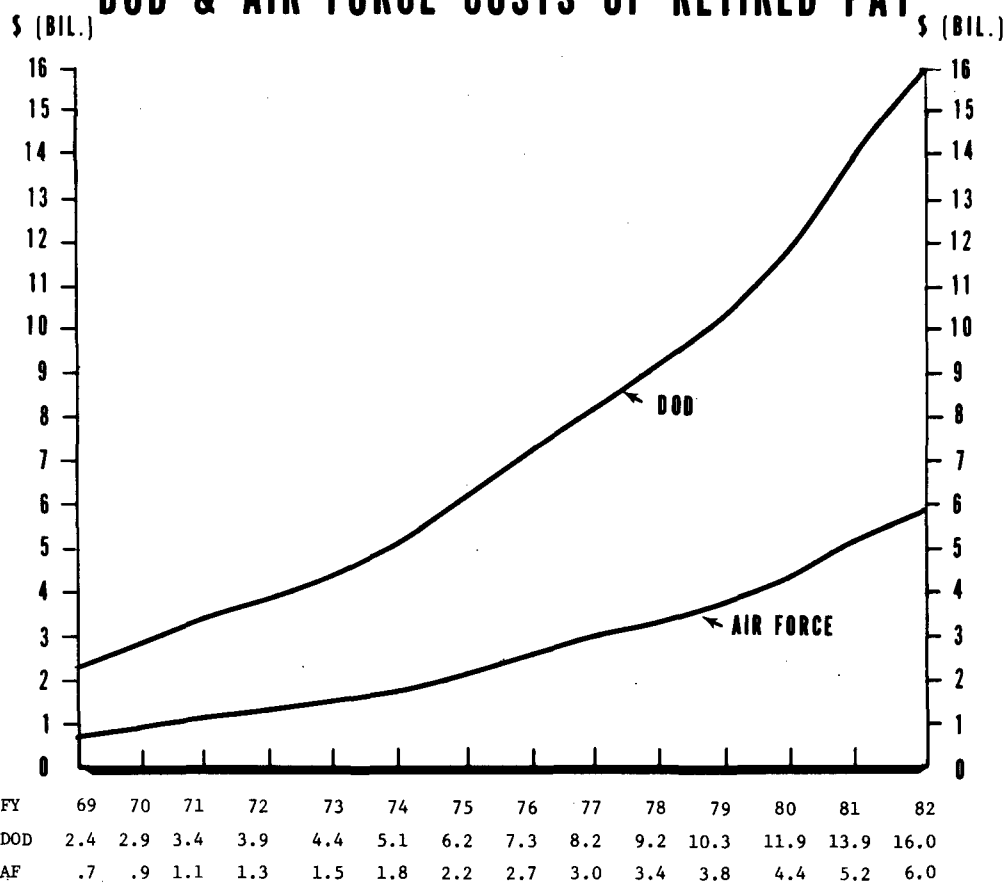
	1970	1972	1974	1976	1978	1979	1980
<b>OFFICER</b>							
Non-Disability	51.0	60.9	77.3	87.1	100.4	106.0	110.0
%	( 74.4)	( 76.4)	( 80.1)	( 82.3)	( 84.7)	( 85.6)	( 86.8)
Temporary Disability	.6	.6	.5	.4	.3	.4	.3
%	( .9)	( .7)	( .5)	( .4)	( .3)	( .3)	( .2)
Permanent Disability	17.0	18.2	18.7	18.3	17.8	17.5	16.5
%	( 24.7)	( 22.9)	( 19.4)	( 17.3)	( 15.0)	( 14.1)	( 13.0)
<b>TOTAL</b>	<b>68.6</b>	<b>79.7</b>	<b>96.5</b>	<b>105.8</b>	<b>118.5</b>	<b>123.9</b>	<b>126.8</b>
<b>ENLISTED</b>							
Non-Disability	126.6	165.9	210.7	250.9	287.0	297.3	297.7
%	( 78.2)	( 79.8)	( 82.9)	( 85.3)	( 86.8)	( 87.3)	( 91.3)
Temporary Disability	3.7	4.5	3.5	3.3	3.4	3.2	1.9
%	( 2.3)	( 2.2)	( 1.4)	( 1.1)	( 1.0)	( .9)	( .6)
Permanent Disability	31.5	37.5	39.8	40.1	40.2	40.1	26.6
%	( 19.5)	( 18.0)	( 15.7)	( 13.6)	( 12.2)	( 11.8)	( 8.1)
<b>TOTAL</b>	<b>161.8</b>	<b>207.9</b>	<b>254.0</b>	<b>294.3</b>	<b>330.6</b>	<b>340.6</b>	<b>326.2</b>
<b>TOTAL</b>							
Total Non-Disability	177.6	226.7	288.0	338.0	387.4	403.3	407.7
%	( 77.1)	( 78.8)	( 82.2)	( 84.5)	( 86.3)	( 86.8)	( 90.0)
Total Temporary Disability	4.3	5.1	4.0	3.7	3.7	3.6	2.2
%	( 1.8)	( 1.8)	( 1.1)	( .9)	( .8)	( .8)	( .5)
Total Permanent Disability	48.5	55.7	58.5	58.4	58.0	57.6	43.1
%	( 21.2)	( 19.4)	( 16.7)	( 14.6)	( 12.9)	( 12.4)	( 9.5)
<b>TOTAL MILITARY</b>	<b>230.4</b>	<b>287.6</b>	<b>350.5</b>	<b>400.1</b>	<b>449.1</b>	<b>464.5</b>	<b>453.0</b>

**NOTE:** Totals may not add due to rounding.

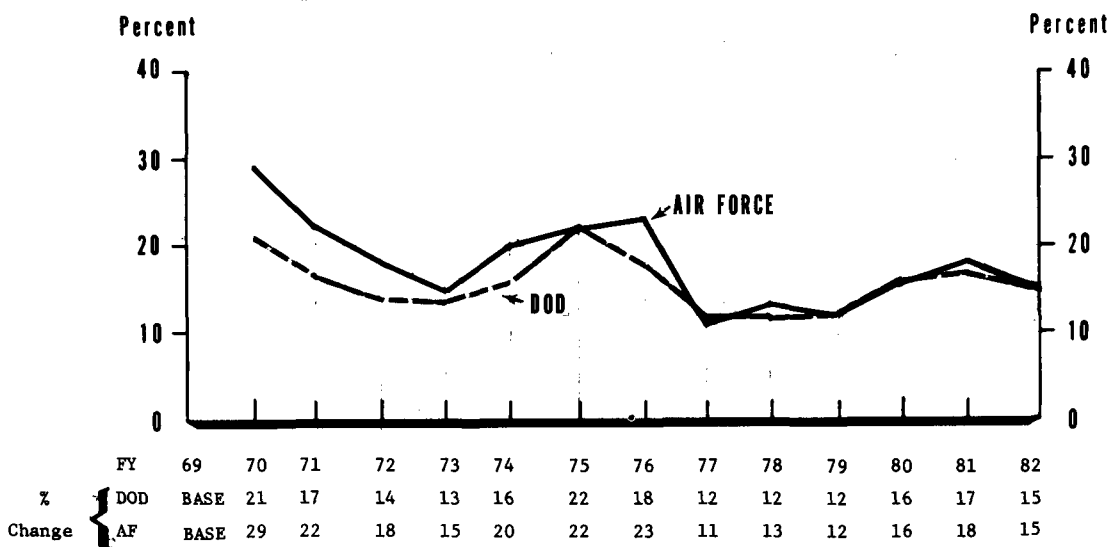




# DOD & AIR FORCE COSTS OF RETIRED PAY



## PERCENT CHANGE IN DOD AND AIR FORCE RETIRED PAY COSTS



# ANNUAL USAF COURTS-MARTIAL AND ARTICLE 15 ACTIVITY

## FISCAL YEAR NUMBERS AND RATES PER THOUSAND

	1969	1970	1971	1972	1973	1974	1975*	1976	1977	1978	1979	1980
<u>OFFICER</u>												
SPCM	0	1	3	3	1	2	7	0	1	3	2	2
Rate	.00	.01	.02	.02	.01	.02	.06	.00	.01	.03	.02	.02
GCM	10	6	8	9	8	6	6	4	7	5	13	19
Rate	.07	.04	.06	.07	.06	.05	.05	.04	.07	.05	.13	.19
All Courts	10	7	11	12	9	8	13	4	8	8	15	21
Rate	.07	.05	.08	.09	.07	.07	.12	.04	.08	.08	.16	.21
Art 15	219	183	171	170	167	170	129	145	134	153	105	206
Rate	1.5	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.3	1.6	1.11	2.07
<u>ENLISTED</u>												
SCM	757	466	313	232	119	106	75	60	25	25	32	51
Rate	1.0	.6	.5	.4	.2	.2	.1	.1	.05	.05	.06	.11
SPCM	1,752	1,921	1,917	2,254	2,271	2,571	1,537	1,136	806	809	968	1,366
Rate	2.3	2.6	2.9	3.5	3.7	4.5	3.0	2.3	1.7	1.9	2.09	3.06
GCM	302	230	191	186	261	262	195	223	159	123	158	270
Rate	.4	.3	.3	.3	.4	.5	.4	.5	.3	.3	.34	.65
All Courts	2,811	2,617	2,421	2,672	2,651	2,939	1,807	1,419	909	1,038	1,158	1,687
Rate	3.7	3.6	3.7	4.2	4.3	5.2	3.5	2.9	2.1	2.2	2.50	3.82
Art 15	28,893	28,594	25,800	34,542	35,658	37,386	28,243	26,224	20,881	21,399	24,379	30,773
Rate	37.9	39.4	39.6	54.5	58.5	65.7	54.6	53.4	43.6	45.1	52.67	68.80
<u>TOTAL</u>												
SCM	757	466	313	232	119	106	75	60	25	25	32	51
Rate**	1.0	.6	.5	.4	.2	.2	.1	.1	.05	.05	.06	.11
SPCM	1,752	1,922	1,920	2,257	2,272	2,573	1,544	1,136	807	893	970	1,368
Rate	1.9	2.2	2.4	2.9	3.1	3.7	2.5	1.9	1.4	1.6	1.73	2.50
GCM	312	236	199	195	269	268	201	227	116	128	171	289
Rate	.3	.3	.3	.3	.4	.4	.3	.4	.3	.2	.31	.53
All Courts	2,821	2,624	2,432	2,684	2,660	2,947	1,820	1,423	998	1,046	1,173	1,708
Rate	3.1	3.0	3.1	3.5	3.6	4.3	2.9	2.3	1.7	1.8	2.10	3.12
Art 15	29,112	28,777	25,971	34,712	35,825	37,556	28,372	26,368	21,015	21,552	24,484	30,979
Rate	31.8	33.0	33.0	45.3	48.5	54.6	45.2	43.3	36.1	37.5	43.95	56.65

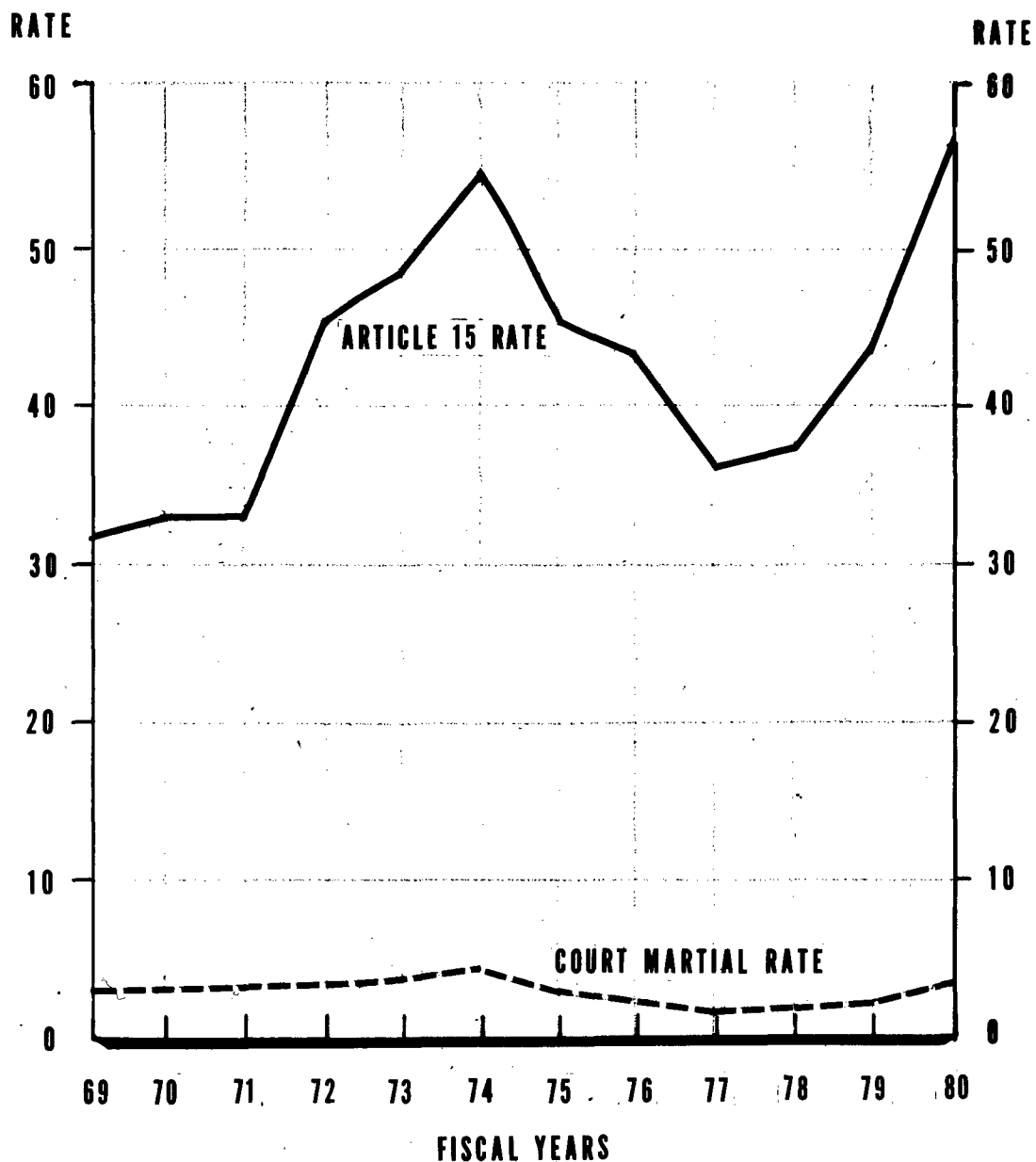
\* Drop off in Court-Martial and Article 15 Activity between FY 1974 and FY 1975 attributed largely to implementation of Marginal Performer Program (Spring 1974).

\*\* Rate figured on Enlisted strength only; Officers not subject to trial by SCM (Art 20, UCMJ).

LEGEND: SCM: Summary Court-Martial  
SPCM: Special Court-Martial  
GCM: General Court-Martial

SOURCE: Automated Mil Jus Analysis and Mgmt Sys (AMJAMS)

## USAF COURT-MARTIAL AND ARTICLE 15 RATES (PER THOUSAND PERSONNEL)



# SUMMARY OF ACTIVE USAF INSTALLATIONS

## END FISCAL YEAR

	1970	1972	1974	1976 <sup>1</sup>	1979	1980	1981 (Est.)
TOTAL ACTIVE INSTALLATIONS	<u>3,735</u>	<u>3,557</u>	<u>3,237</u>	<u>3,170</u>	<u>2,948</u>	<u>2,874</u>	<u>2,873</u>
TOTAL MAJOR ACTIVE	<u>178</u>	<u>161</u>	<u>154</u>	<u>140</u>	<u>134</u>	<u>134</u>	<u>134</u>
US	116	112	109	111	107	107	107
OVERSEAS	62	49	45	29	27	27	27
TOTAL OTHER ACTIVE	<u>3,557</u>	<u>3,396</u>	<u>3,083</u>	<u>3,030</u>	<u>2,814</u>	<u>2,740</u>	<u>2,739</u>
US	2,314	2,316	2,227	2,372	2,169	2,098	2,097
OVERSEAS	1,243	1,080	856	658	645	642	642

<sup>1</sup> Beginning in 1976, Hawaii, Alaska, and US possessions are contained in "US"; only foreign bases are included under "Overseas."

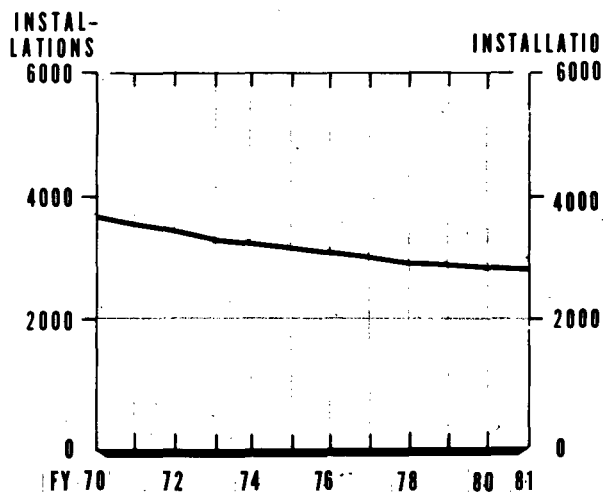
### DEFINITIONS

**Major Installations:** (Two-Part Definition) A major installation is one at which full-time flying or missile operations are conducted either by a permanently assigned squadron, its equivalent, or higher active or Reserve Air Force unit. (It may be an Air Force or other Service installation or a civil airport.)

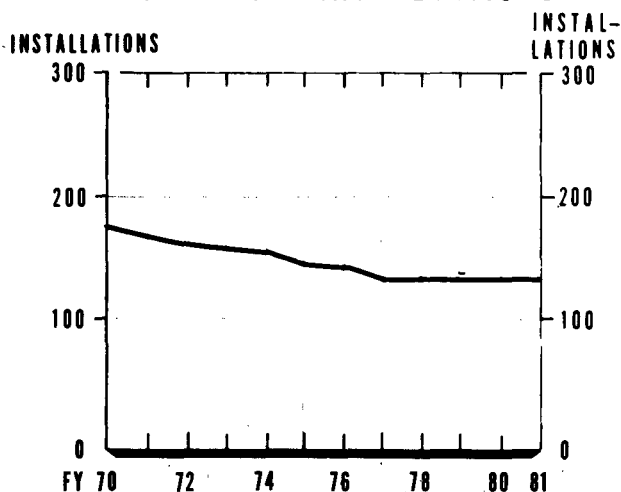
A **major installation** is also one at which flying or missile operations are not conducted, but which does have assigned to it a wing headquarters, its equivalent, or a higher level Air Force organization.

**Minor Installations** include Auxiliary Air Fields, Missile Sites, Electronics Stations or Sites, General Support Annexes, and Air National Guard installations.

### TOTAL ACTIVE INSTALLATIONS

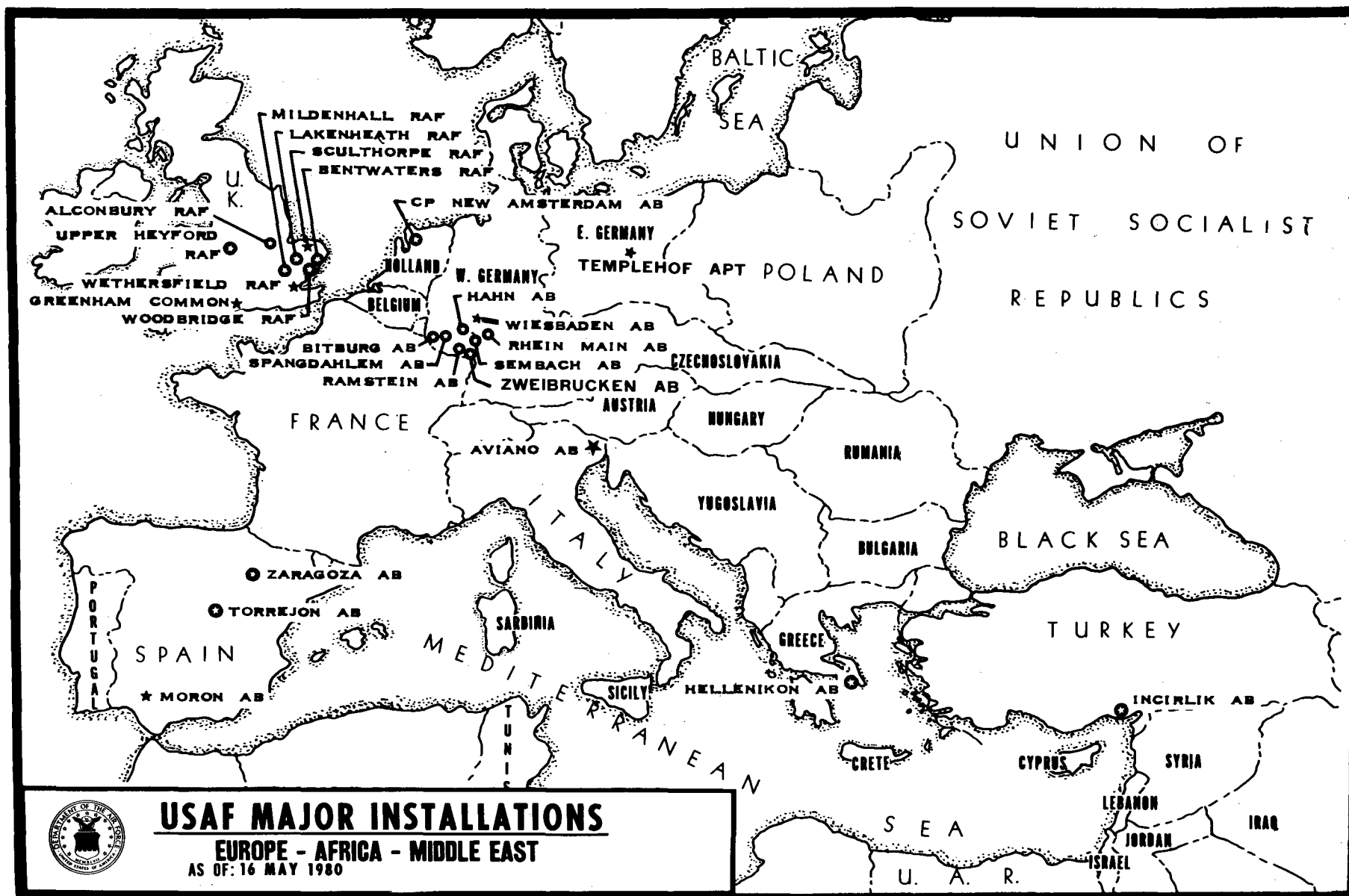


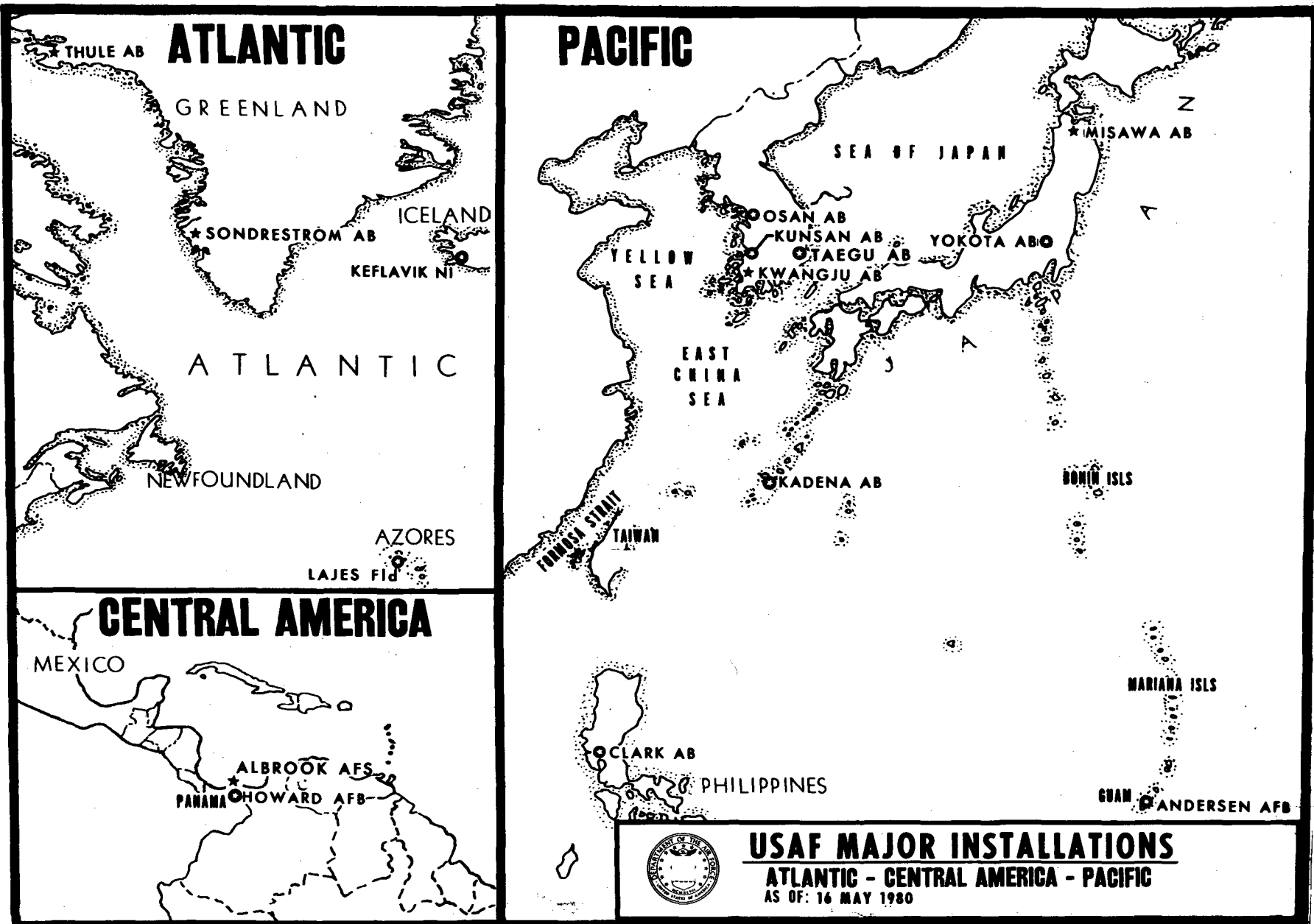
### MAJOR ACTIVE INSTALLATIONS



**AS OF 16 MAY 1980**







# USAF ACTIVE AIRCRAFT INVENTORY <sup>1</sup>

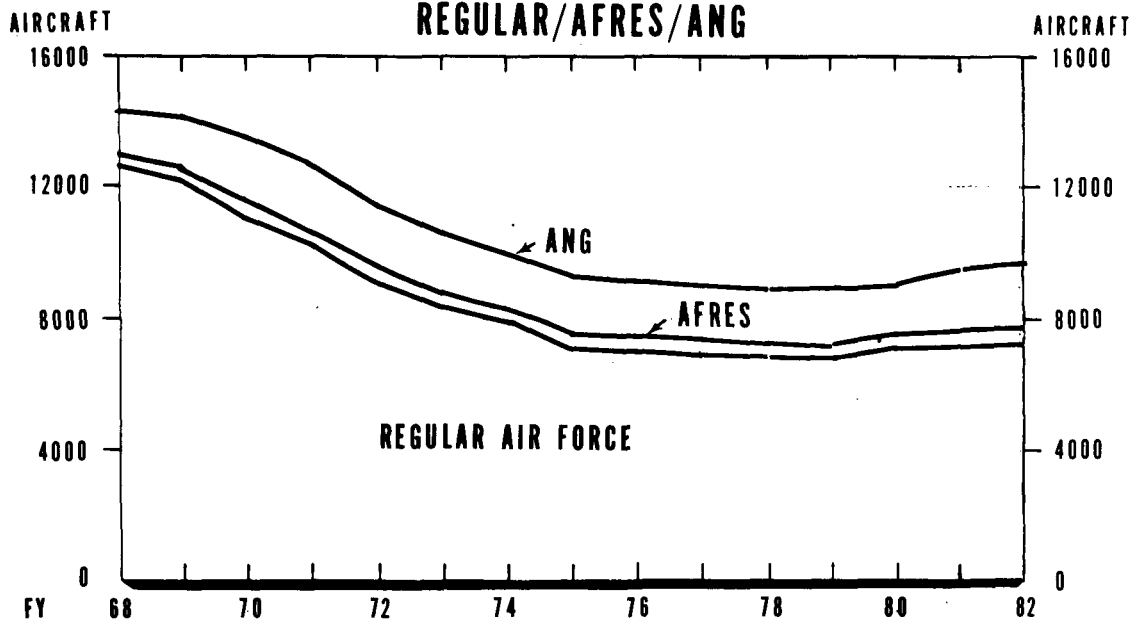
Fiscal Year	1970	1972	1974	1976	1978	1979	1980	1981 (Est.)	1982 (Est.)
<b>REGULAR AIR FORCE</b>									
Bomber	570	558	500	494	448	417	414	412	409
Tanker	663	660	657	622	525	525	529	537	540
Fighter/Interceptor	3,102	2,288	2,009	2,196	2,370	2,308	2,360	2,453	2,498
Attack	302	364	378	300	282	314	409	436	487
Reconnaissance	993	750	610	412	419	366	354	349	363
Search and Rescue	87	75	56	41	37	35	35	35	37
Special Research/Other	-	-	-	1	-	-	-	-	-
Cargo/Transport	1,854	1,325	1,253	888	845	841	836	841	840
Trainer	2,625	2,454	1,996	1,800	1,739	1,704	1,678	1,677	1,690
Utility/Observation	568	288	154	198	210	210	189	186	196
Helicopter	457	493	317	254	246	230	230	230	229
<b>TOTAL REGULAR AIR FORCE</b>	<b>11,221</b>	<b>9,255</b>	<b>7,930</b>	<b>7,206</b>	<b>7,121</b>	<b>6,950</b>	<b>7,034</b>	<b>7,156</b>	<b>7,289</b>
<b>AIR FORCE RESERVE</b>									
Tanker	-	-	-	-	24	24	24	24	24
Fighter/Interceptor	-	27	76	72	77	85	95	115	135
Attack	1	62	62	101	104	102	96	77	76
Reconnaissance	6	14	9	12	12	7	7	7	7
Search and Rescue	39	9	10	14	14	16	16	16	14
Cargo/Transport	284	197	241	230	212	212	210	209	182
Trainer	-	-	4	4	4	4	2	-	-
Utility/Observation	89	21	-	-	-	-	-	-	-
Helicopter	-	23	26	31	31	37	24	24	23
<b>TOTAL AIR FORCE RESERVE</b>	<b>419</b>	<b>353</b>	<b>428</b>	<b>464</b>	<b>478</b>	<b>487</b>	<b>474</b>	<b>472</b>	<b>461</b>
<b>AIR NATIONAL GUARD</b>									
Bomber	-	16	-	-	-	-	-	-	-
Tanker	77	77	77	103	104	104	104	104	104
Fighter/Interceptor	990	1,057	981	720	546	450	496	516	528
Attack	22	33	76	183	305	369	357	441	468
Reconnaissance	234	168	171	185	171	185	183	184	165
Search and Rescue	17	-	-	8	8	8	8	8	8
Cargo/Transport	302	265	247	203	226	221	214	222	213
Trainer	143	125	78	60	48	54	54	51	50
Utility/Observation	120	168	156	144	121	118	133	132	115
Helicopter	-	-	12	11	10	13	11	11	11
<b>TOTAL AIR NATIONAL GUARD</b>	<b>1,905</b>	<b>1,909</b>	<b>1,798</b>	<b>1,617</b>	<b>1,539</b>	<b>1,522</b>	<b>1,560</b>	<b>1,669</b>	<b>1,662</b>
<b>USAF GRAND TOTAL</b>	<b>13,545</b>	<b>11,517</b>	<b>10,156</b>	<b>9,287</b>	<b>9,138</b>	<b>8,959</b>	<b>9,068</b>	<b>9,297</b>	<b>9,412</b>

<sup>1</sup> Aircraft are categorized by functional mission.

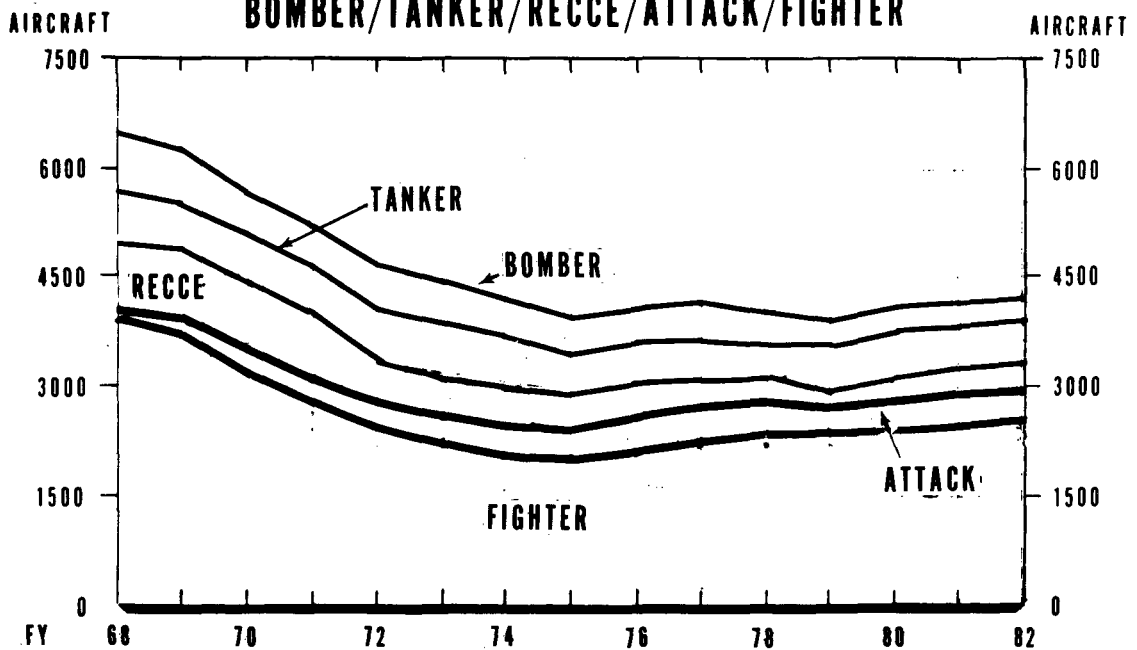
**NOTE:** Numbers above do not include Foreign Government Owned aircraft.



# USAF ACTIVE AIRCRAFT INVENTORY REGULAR/AFRES/ANG

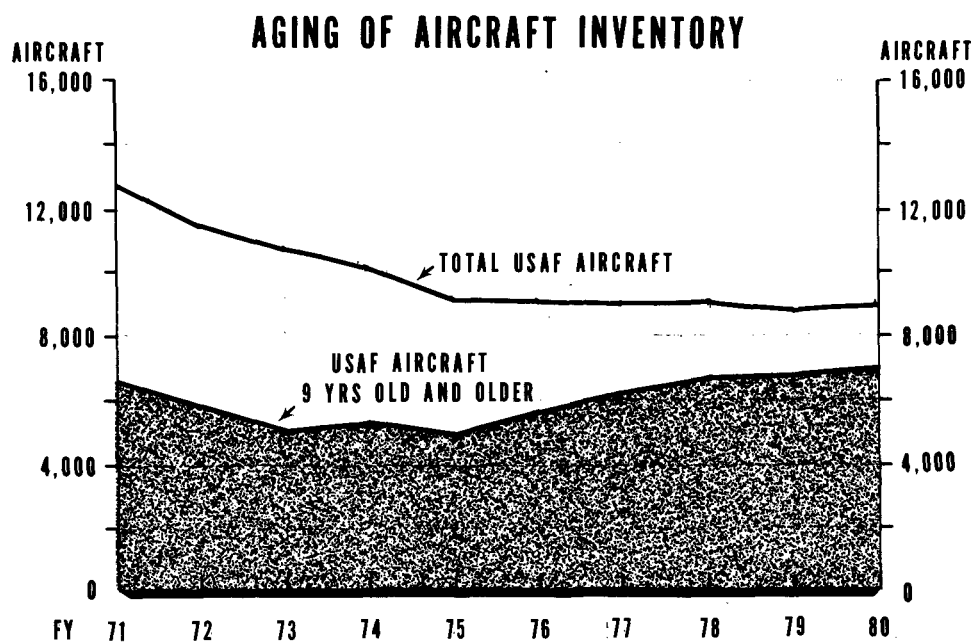


# SELECTED REGULAR ACTIVE AIRCRAFT BOMBER/TANKER/RECCE/ATTACK/FIGHTER



# USAF AIRCRAFT NINE YEARS OLD AND OLDER VS USAF ACTIVE AIRCRAFT INVENTORY

	<u>FY 71</u>	<u>FY 72</u>	<u>FY 73</u>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
Regular Air Force	10,421	9,255	8,538	7,930	7,239	7,206	7,218	7,121	6,950	7,034
Air Force Reserve	363	353	406	428	448	464	478	478	487	474
Air National Guard	<u>1,962</u>	<u>1,909</u>	<u>1,855</u>	<u>1,798</u>	<u>1,647</u>	<u>1,617</u>	<u>1,560</u>	<u>1,539</u>	<u>1,522</u>	<u>1,560</u>
TOTAL FORCE	12,746	11,517	10,799	10,156	9,334	9,287	9,256	9,138	8,959	9,068
% 9 Years & Older	52.0	52.0	47.0	53.0	55.0	62.0	68.0	72.6	75.1	76.5



## AVERAGE AGE OF USAF AIRCRAFT (YEAR/MONTH)

	<u>FY 71</u>	<u>FY 72</u> <sup>1</sup>	<u>FY 73</u> <sup>2</sup>	<u>FY 74</u>	<u>FY 75</u>	<u>FY 76</u>	<u>FY 77</u>	<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
Regular Air Force	9/2	9/8	9/0	9/7	9/11	10/5	11/1	11/10	12/3	12/8
Air Force Reserve	13/9	12/1	12/6	12/10	12/7	12/11	14/1	15/0	15/8	16/4
Air National Guard	13/9	13/8	14/5	14/10	14/7	14/6	14/11	15/2	14/4	14/11

<sup>1</sup> Years FY 71 through FY 72 reflect the average age of both Active and Inactive aircraft.

<sup>2</sup> Years FY 73 forward reflect the average age of the Active Aircraft only.

# AGE OF ACTIVE FORCES AIRCRAFT

AS OF 30 SEPTEMBER 1980

MISSION & DESIGN	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	24+		
A-7	-	7	59	18	2	-	-	-	-	86	8/1
A-10	250	59	-	-	-	-	-	-	-	309	1/10
A-37	-	1	2	-	1	-	-	-	-	4	8/8
B-1	1	1	-	-	-	-	-	-	-	2	2/7
B-52	-	-	-	-	-	4	189	153	1	347	20/11
FB-111	-	-	-	64	1	-	-	-	-	65	9/11
C-5	-	1	32	44	-	-	-	-	-	77	9/0
C-6	-	-	-	-	1	-	-	-	-	1	14/10
C-9	-	3	9	8	3	-	-	-	-	23	9/6
C-12	-	14	-	-	-	-	-	-	-	14	4/5
C-130	-	57	24	58	28	177	12	9	-	365	13/0
C-131	-	-	-	-	-	-	-	-	1	1	25/6
C-135	-	-	-	-	1	210	222	184	-	617	19/2
C-137	-	-	1	-	-	1	-	3	-	5	17/11
C-140	-	-	-	-	-	7	8	-	-	15	17/11
C-141	-	-	-	-	229	46	-	-	-	275	14/1
E-3	14	9	-	-	-	-	-	-	-	23	2/4
E-4	-	2	2	-	-	-	-	-	-	4	6/4
F-4	-	109	81	436	562	76	-	-	-	1264	11/5
F-5	2	76	27	-	-	-	-	-	-	105	5/1
F-15	286	211	8	-	-	-	-	-	-	505	2/7
F-16	152	4	-	-	-	-	-	-	-	156	0/8
F-101	-	-	-	-	-	-	12	8	-	20	20/8
F-106	-	-	-	-	-	-	103	39	-	142	20/8
F-111	-	16	155	147	38	-	-	-	-	356	9/6
H-1	-	-	24	68	35	2	-	-	-	129	10/6
H-3	-	-	-	10	32	11	-	-	-	53	13/4
H-53	-	2	6	31	9	-	-	-	-	48	10/1
O-2	-	-	-	99	8	-	-	-	-	107	10/10
OV-10	-	-	-	40	39	-	-	-	-	79	11/11
T-33	-	-	-	-	-	-	-	109	13	122	22/6
T-37	-	-	-	87	75	40	212	234	-	648	18/4
T-38	-	-	15	177	242	327	82	-	-	843	14/6
T-39	-	-	-	-	-	60	72	-	-	132	18/1
T-41	-	-	-	7	45	-	-	-	-	52	12/5
T-43	-	-	13	-	-	-	-	-	-	13	6/7
UV-18	-	2	-	-	-	-	-	-	-	2	3/0
OTHER 1/	(25)	-	-	-	-	-	-	-	-	(25)1/	-
<b>AIR FORCE</b>											
<b>TOTAL</b>	<b>705</b>	<b>574</b>	<b>458</b>	<b>1294</b>	<b>1351</b>	<b>961</b>	<b>912</b>	<b>739</b>	<b>15</b>	<b>7034</b>	<b>12/8</b>
PERCENT	10	8	7	18	19	14	13	11	-		

Nr/% Under/and  
Over 9 yrs old

1737/25  
(Under)

5272/75  
(Over)

1/ Inventory only

Source: RCS: SS-A-41, 30 Sep 1980  
OPR: DCS/Programs and Evaluation

# AGE OF RESERVE FORCES AIRCRAFT

## AIR NATIONAL GUARD

AS OF 30 SEPTEMBER 1980

MISSION & DESIGN	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	24+		
A-7	-	45	143	97	-	-	-	-	-	285	7/11
A-10	72	-	-	-	-	-	-	-	-	72	0/11
A-37	-	20	8	27	-	-	-	-	-	55	8/1
B-57	-	-	-	-	-	-	-	-	18	18	25/8
C-7	-	-	-	-	1	-	1	-	-	2	16/8
C-130	16	-	-	-	8	46	44	71	10	195	18/6
C-131	-	-	-	-	-	-	-	3	30	33	25/1
C-135	-	-	-	-	-	-	21	83	-	104	21/7
F-4	-	-	-	-	211	213	-	-	-	424	15/0
F-101	-	-	-	-	-	-	49	8	-	57	20/5
F-105	-	-	-	-	-	44	35	15	-	94	18/4
F-106	-	-	-	-	-	-	39	39	-	78	20/11
H-3	-	-	-	4	6	1	-	-	-	11	13/11
O-2	-	-	-	30	48	-	-	-	-	78	12/2
T-33	-	-	-	-	-	-	-	13	35	48	24/10
T-43	-	-	6	-	-	-	-	-	-	6	6/6
<b>ANG TOTAL</b>	<b>88</b>	<b>65</b>	<b>157</b>	<b>158</b>	<b>274</b>	<b>304</b>	<b>189</b>	<b>232</b>	<b>93</b>	<b>1560</b>	<b>14/11</b>

PERCENT      6      4      10      10      18      19      12      15      6

Nr/% Under/and  
Over 9 yrs. old

310/20  
(Under)

1250/80  
(Over)

## AIR FORCE RESERVE

AS OF 30 SEPTEMBER 1980

MISSION & DESIGN	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	24+		
A-10	5	-	-	-	-	-	-	-	-	5	0/1
A-37	-	35	13	33	-	-	-	-	-	81	7/7
C-7	-	-	-	-	30	-	6	-	-	36	14/7
C-123	-	-	-	-	-	-	-	13	41	54	24/2
C-130	-	-	-	4	8	46	32	49	14	153	19/7
C-135	-	-	-	-	-	-	4	20	-	24	21/6
F-4	-	-	-	-	18	13	-	-	-	31	14/7
F-105	-	-	-	-	-	23	37	4	-	64	18/5
H-1	-	-	5	5	-	-	-	-	-	10	8/6
H-3	-	-	-	2	10	2	-	-	-	14	13/4
T-33	-	-	-	-	-	-	-	2	-	2	22/0
<b>AIR FORCE RESERVE TOTAL</b>	<b>5</b>	<b>35</b>	<b>18</b>	<b>44</b>	<b>66</b>	<b>84</b>	<b>79</b>	<b>88</b>	<b>55</b>	<b>474</b>	<b>16/4</b>

PERCENT      1      7      4      9      14      18      17      19      12

Nr/% Under/and  
Over 9 yrs. old

58/12  
(Under)

416/88  
(Over)

Source: RCS: SS-A-41, 30 Sep 1980  
OPR: DCS/Programs and Evaluation

# AGE OF USAF STRATEGIC MISSILES & DRONES

## USAF DIRECT INVENTORY

AS OF 30 SEPTEMBER 1980

MISSION & DESIGN	INVENTORY BY AGE GROUP (YEARS)									TOTAL NUMBER	AVERAGE AGE YRS/MOS
	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	24+		
AGM-69-SRAM	-	408	977	-	-	-	-	-	-	1385	6/7
LGM-25-TITAN II	-	-	-	-	10	46	1	-	-	57	16/4
LGM-30- MINUTEMAN	38	193	339	234	359	17	-	-	-	1180	9/5
<u>TOTAL MISSILES</u>	<u>38</u>	<u>601</u>	<u>1316</u>	<u>234</u>	<u>369</u>	<u>63</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>2522</u>	<u>8/6</u>
CQM-10-BOMARC	-	-	-	-	-	-	5	-	-	5	18/5
BQM-34-FIREBEE	37	24	18	3	-	-	-	-	-	82	3/8
PQM-102- DELTA DAGGER	-	-	-	-	-	-	-	57	-	57	22/11
<u>TOTAL DRONES</u>	<u>37</u>	<u>24</u>	<u>18</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>5</u>	<u>57</u>	<u>-</u>	<u>144</u>	<u>11/11</u>

Source: RCS: SS-A-41, 30 Sep 1980  
 OPR: DCS/Programs and Evaluation

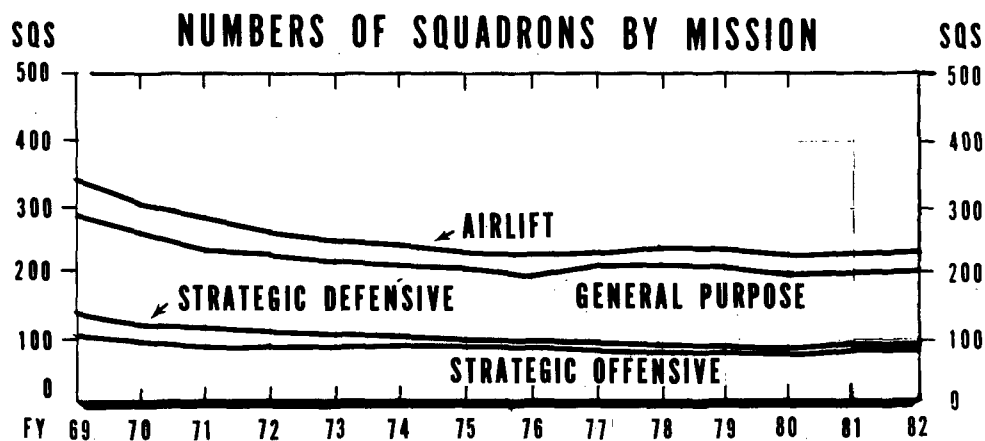
# SELECTED REGULAR AIR FORCE COMBAT FORCES BY SQUADRON

	Fiscal Year	1970	1972	1974	1976	1978	1979	1980	1981 (Est)	1982 (Est)
<b>STRATEGIC OFFENSIVE</b>										
Bomber (Heavy)		31	26	24	22	21	21	21	21	20
Bomber (Medium)		-	4	4	4	4	4	4	4	4
Missile Augmentation <sup>1</sup>		(17)	(17)	(12)	-	-	-	-	-	-
Strategic Missile (SRAM)		-	(1)	(15)	(20)	(19)	(18)	(19)	(19)	(19)
Reconnaissance		2	1	1	1	1	1	1	1	1
ECM		-	-	-	-	-	-	-	-	-
Air Refueling		40	38	38	35	34	33	33	34 <sup>3</sup>	34 <sup>3</sup>
Strategic Missile (ICBM)		26	26	26	26	26	26	26	26	26
<b>STRATEGIC DEFENSIVE</b>										
Fighter Interceptor <sup>2</sup>		14	9	7	6	6	6	6	6	5
Airborne Early Warning and Control		3	2	1	-	-	-	-	-	-
Defense System Evaluation		3	2	1	1	1	-	-	-	-
Air Defense Missile		5	4	-	-	-	-	-	-	-
<b>GENERAL PURPOSE</b>										
Tactical Bomber		1	-	-	-	-	-	-	-	-
Tactical Fighter		77	73	74	73	78	79	78	77	79
Fighter Interceptor O/S		3	1	1	1	1	1	1	1	1
Reconnaissance		19	13	13	9	9	7	6	6	6
Special Operations		21	11	5	5	5	5	5	5	5
Tactical Air Control System		7	11	11	9	11	11	9	9	9
Tactical Airborne Command and Control		-	-	-	2	5	5	5	5	5
Tactical Missile		-	-	-	-	-	-	-	-	-
Tactical Electronic Warfare		3	2	-	-	-	-	-	1	2
ABNCP (CINCS)		2	2	3	3	3	3	3	3	3
Tactical Drone Support		-	-	1	1	1	-	-	-	-
<b>AIRLIFT</b>										
Strategic		18	17	17	17	17	17	17	17	17
Tactical		34	19	17	15	15	14	14	14	14

<sup>1</sup> AGM equipped squadrons. Squadrons are included in Bomber (Heavy and Medium) totals.

<sup>2</sup> Fighter interceptors in PACAF, USAFE, and Iceland are included in General Purpose Forces.

<sup>3</sup> Includes one squadron of KC-10 aircraft.



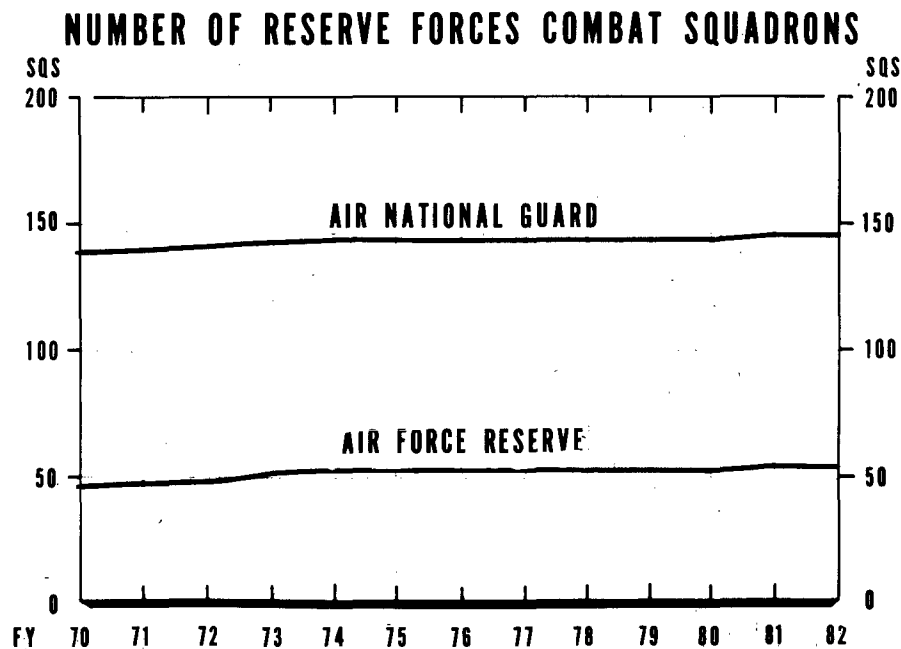
# RESERVE FORCES COMBAT SQUADRONS

Fiscal Year	1970	1972	1974	1976	1978	1979	1980	1981 (Est)	1982 (Est)
<b>AIR FORCE RESERVE SQUADRONS</b>									
Air Refueling	-	-	-	-	3	3	3	3	3
Tactical Fighter	-	1	7	7	7	8	8	8	9
Special Operations	3	5	1	2	2	2	2	2	2
Tactical Airlift <sup>1</sup>	8	21	22	20	17	17	17	17	16
Strategic Airlift <sup>1</sup>	16	3	-	-	-	-	-	-	-
Associate Airlift <sup>1</sup>	10	13	17	17	17	17	17	17	17
Air Rescue	5	4	4	4	4	4	4	4	4
Aero-Med <sup>1</sup>	1	1	1	1	1	1	1	1	1
Other <sup>2</sup>	4	1	1	2	2	1	1	2	2
<b>AIR NATIONAL GUARD SQUADRONS</b>									
Air Refueling	7	7	9	12	13	13	13	13	13
Fighter Interceptor	18	18	20	11	10	10	10	10	10
Tactical Fighter	26	28	29	29	29	31	31	31	33
Tactical Reconnaissance	12	8	7	8	8	8	8	8	8
Special Operations	4	3	3	-	-	-	-	-	-
Other Attack	-	1	-	-	-	-	-	-	-
Strategic Airlift	14	7	3	-	-	-	-	-	-
Tactical Airlift	3	12	12	17	19	19	19	19	19
Tactical Air Control System	3	5	5	7	6	6	6	6	5
Other <sup>3</sup>	5	3	3	7	6	4	4	4	3

<sup>1</sup> Associate Reserve (No aircraft)

<sup>2</sup> Includes at various times: TAC Air Support, AEW&C, Weather, and Tanker/Cargo Squadrons.

<sup>3</sup> Includes at various times: Combat Crew Training (CCT), TEWS, AEROMED, ARRS, and EB-57 Squadrons.



**AIRCRAFT MISSION CAPABILITY RATES (%)****MAJOR AIRCRAFT**

<u>AIRCRAFT</u>		<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
A-7	MC	62.2	61.5	64.2
	FMC	48.4	51.1	52.0
	NMCM	22.6	22.5	19.8
	NMCS	7.1	8.9	8.9
	NMCB	6.8	7.1	7.1
	PMC	13.8	10.9	12.2
A-10	MC	65.1	67.3	72.2
	FMC	54.8	54.1	57.7
	NMCM	17.9	15.9	14.4
	NMCS	11.4	11.5	8.0
	NMCB	5.6	5.3	5.4
	PMC	10.3	13.2	14.5
B-52	MC	58.7	53.5	51.5
	FMC	46.2	48.4	47.5
	NMCM	24.6	21.8	20.5
	NMCS	4.8	9.3	9.1
	NMCB	11.9	15.4	18.9
	PMC	12.5	5.1	4.0
C-5	MC	54.5	51.2	51.9
	FMC	50.2	48.1	47.5
	NMCM	34.7	34.1	31.9
	NMCS	4.4	5.3	5.1
	NMCB	6.4	9.4	11.1
	PMC	4.3	3.1	4.4
C-130	MC	65.6	63.0	65.1
	FMC	49.2	45.9	46.9
	NMCM	21.8	21.2	20.2
	NMCS	4.3	5.5	5.4
	NMCB	8.3	10.3	9.3
	PMC	16.4	17.1	18.2
C-135	MC	76.4	73.5	74.1
	FMC	67.1	66.7	69.0
	NMCM	13.4	14.6	12.6
	NMCS	4.2	5.1	5.4
	NMCB	.4	.3	7.9
	PMC	9.3	6.8	9.1

**LEGEND:** MC - Mission Capable  
 FMC - Fully Mission Capable  
 NMCM - Not Mission Capable Maintenance  
 NMCS - Not Mission Capable Supply  
 NMCB - Not Mission Capable Both Supply and Maintenance  
 PMC - Partially Mission Capable

**NOTE:** Data includes Air National Guard and Air Force Reserve forces.



**AIRCRAFT MISSION CAPABILITY RATES (%)****MAJOR AIRCRAFT**

<u>AIRCRAFT</u>		<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
C-141	MC	63.3	63.3	61.7
	FMC	54.6	56.1	50.5
	NMCM	27.3	25.4	27.9
	NMCS	3.8	4.6	4.3
	NMCB	5.6	6.7	6.1
	PMC	8.7	7.2	11.2
E-3	MC	62.2	56.6	61.9
	FMC	22.4	15.5	53.7
	NMCM	25.7	25.4	19.5
	NMCS	5.1	6.0	7.4
	NMCB	7.0	12.0	11.2
	PMC	39.8	41.1	8.2
E-4	MC	79.5	83.2	71.0
	FMC	75.1	68.4	64.3
	NMCM	18.8	14.1	27.5
	NMCS	1.7	2.1	1.0
	NMCB	0	.6	.5
	PMC	4.4	14.8	6.7
F-15	MC	57.0	55.7	58.7
	FMC	50.9	50.8	53.3
	NMCM	23.6	23.6	21.1
	NMCS	10.2	9.0	10.0
	NMCB	9.2	11.7	10.2
	PMC	6.1	4.9	5.4
F-16	MC	-	61.3	73.6
	FMC	-	44.8	60.9
	NMCM	-	27.4	16.5
	NMCS	-	7.1	7.5
	NMCB	-	4.2	2.4
	PMC	-	16.5	12.7
F-106	MC	70.8	74.5	73.5
	FMC	65.0	63.1	59.8
	NMCM	19.4	15.1	16.1
	NMCS	3.7	4.7	5.0
	NMCB	.1	5.7	5.4
	PMC	5.8	11.4	23.7

**LEGEND:** MC - Mission Capable  
 FMC - Fully Mission Capable  
 NMCM - Not Mission Capable Maintenance  
 NMCS - Not Mission Capable Supply  
 NMCB - Not Mission Capable Both Supply and Maintenance  
 PMC - Partially Mission Capable

**NOTE:** Data includes Air National Guard and Air Force Reserve forces.

**AIRCRAFT MISSION CAPABILITY RATES (%)****MAJOR AIRCRAFT**

<u>AIRCRAFT</u>		<u>FY 78</u>	<u>FY 79</u>	<u>FY 80</u>
F-111	MC	43.9	50.2	51.6
	FMC	33.7	37.2	40.0
	NMCM	35.4	32.4	28.6
	NMCS	6.9	4.9	7.9
	NMCB	13.8	12.5	11.9
	PMC	10.2	13.0	11.6
FB-111	MC	54.5	48.1	51.8
	FMC	48.2	46.7	49.6
	NMCM	29.0	25.9	19.6
	NMCS	3.2	3.4	6.7
	NMCB	13.3	22.6	21.9
	PMC	6.3	1.4	2.2
T-37	MC	80.3	78.9	75.3
	FMC	78.0	76.2	72.5
	NMCM	14.3	13.8	16.3
	NMCS	3.9	5.5	6.0
	NMCB	1.5	1.8	2.4
	PMC	2.3	2.7	2.8
T-38	MC	67.7	65.2	65.6
	FMC	62.7	58.7	59.0
	NMCM	22.2	20.0	20.7
	NMCS	6.8	9.6	7.5
	NMCB	.1	5.2	6.2
	PMC	5.0	6.5	6.6
ALL	MC	66.9	66.4	66.3
	FMC	60.7	59.9	59.4
	NMCM	21.7	20.1	19.3
	NMCS	5.5	6.4	6.9
	NMCB	5.9	7.1	7.5
	PMC	6.2	6.5	6.9

**LEGEND:** MC - Mission Capable  
 FMC - Fully Mission Capable  
 NMCM - Not Mission Capable Maintenance  
 NMCS - Not Mission Capable Supply  
 NMCB - Not Mission Capable Both Supply and Maintenance  
 PMC - Partially Mission Capable

**NOTE:** Data includes Air National Guard and Air Force Reserve forces.

# AIRCRAFT MISHAP RATES\*

PER/100,000 FLYING HOURS

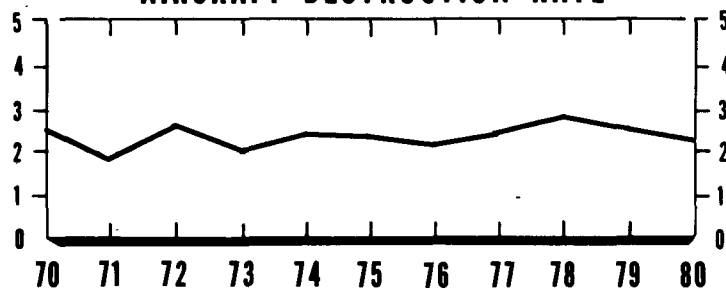
## CLASS A/MAJOR MISHAP RATE



## FATAL MISHAP RATE



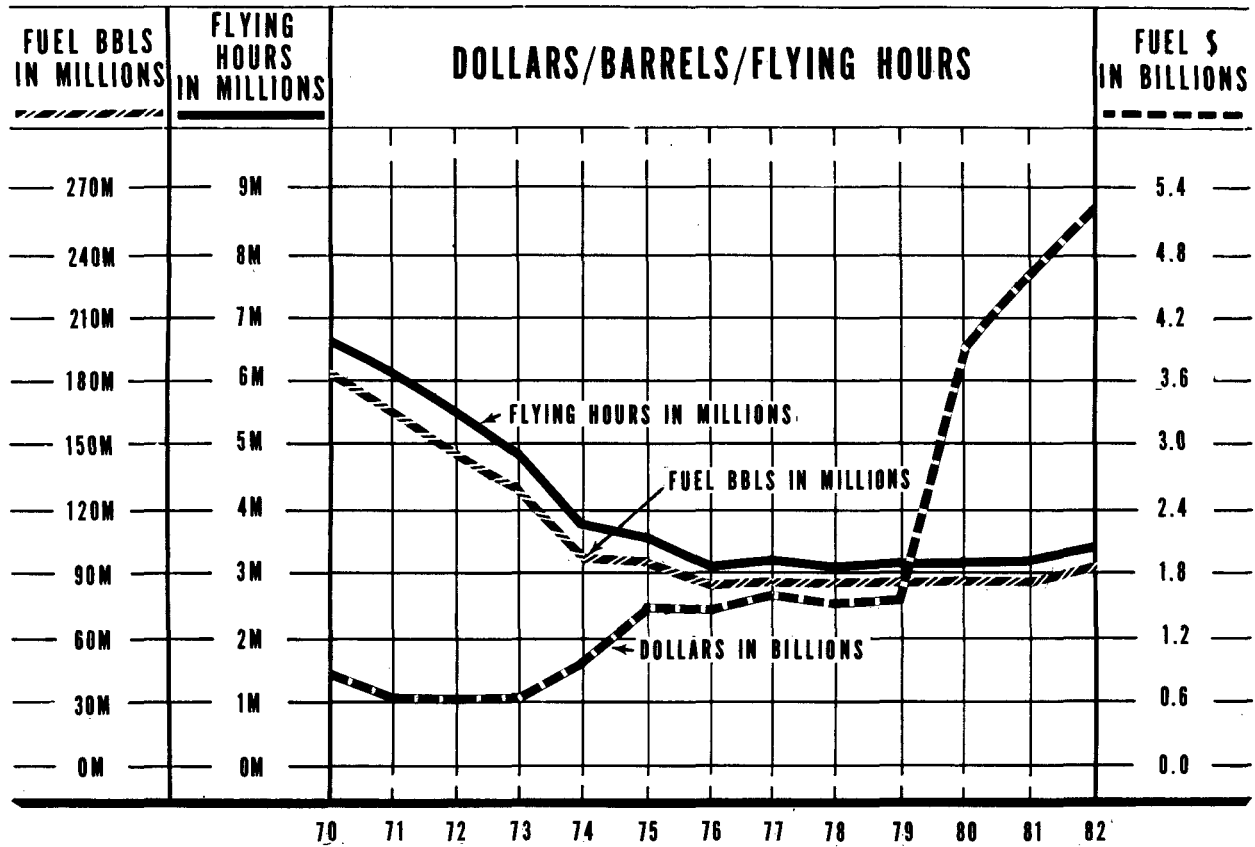
## AIRCRAFT DESTRUCTION RATE



CY	<u>69</u>	<u>70</u>	<u>71</u>	<u>72</u>	<u>73</u>	<u>74</u>	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>80</u>
Class A/Major Mishaps	4.0	3.0	2.5	3.0	2.4	2.9	2.8	2.8	2.8	3.2	2.9	2.6
Fatal Mishaps	1.6	1.1	.8	1.2	.8	1.3	1.0	1.1	1.2	1.3	1.5	1.3
Aircraft Destroyed	3.4	2.5	1.9	2.6	2.0	2.4	2.4	2.2	2.5	2.9	2.6	2.4

\*Data are based on major accident classification in accordance with AFR 127-4.

# USAF ACTIVE, ANG, AFR FLYING HOURS VS SUPPORTING AV FUEL



	FY 69	FY 70	FY 71	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82
FLYING HRS IN MILLIONS	8.7	6.9	6.2	5.5	4.9	3.8	3.6	3.1	3.2	3.1	3.2	3.2	3.2	3.4
FUEL \$ IN BILLIONS	.86	.75	.61	.60	.61	.93	1.47	1.45	1.58	1.53	1.59	3.95	4.45	5.22
FUEL BBLs IN MILLIONS	208	184	166	147	131	98	96	87	87	86	86	87	86	92
% CHANGE IN FH SINCE FY 73						-22.4	-26.5	- 37	- 33	- 37	-35	- 35	- 35	- 31
% CHANGE IN FUEL SINCE FY 73						-25.2	-26.7	- 34	- 32	- 34	- 34	- 34	- 34	- 30
% CHANGE IN FUEL \$ SINCE FY 73						+ 53	+ 141	+ 138	+ 159	+ 151	+ 161	+ 504	+ 593	+ 715

**NOTE:** Fuel price and increases in FY 81 and FY 82 subject to revision.

# COST PER FLYING HOUR (PLANNING, PROGRAMMING & BUDGETING COST FACTORS)

FY 1981 \$

## BUDGET COST FACTORS \*

<u>Aircraft</u>	<u>Fuel</u>	<u>Depot Maintenance</u>	<u>Base Maintenance Material</u>	<u>Replenishment of Spares</u>	<u>Total Cost Per Flying Hour of Active Aircraft</u>
A-7D	843	653	162	171	1,829
A-10	673	355	294	185	1,507
FB-111A	1,589	1,243	581	809	4,222
B-52G	4,722	711	412	1,848	7,693
KC-135A	2,525	334	210	274	3,343
C-5	3,929	792	623	1,489	6,833
C-141	2,321	249	204	300	3,074
C-130E	918	229	150	108	1,405
F-4E	1,972	329	449	253	3,003
F-15	1,712	1,249	349	1,290	4,600
F-16	855	463	243	1,125	2,686
F-111A	1,821	859	705	1,324	4,709

## LIFE CYCLE COST FACTORS

<u>Aircraft</u>	<u>Fuel</u>	<u>Depot Maintenance</u>	<u>Base Maintenance Material</u>	<u>Replenishment of Spares</u>	<u>Total Cost Per Flying Hour of Active Aircraft</u>
A-7D	843	223	202	386	1,654
A-10	673	228	189	256	1,346
FB-111A	1,589	760	398	1,672	4,419
B-52G	4,722	650	395	440	6,207
KC-135A	2,525	404	139	174	3,242
C-5	3,929	790	530	874	6,123
C-141	2,321	202	182	167	2,872
C-130E	918	177	120	204	1,419
F-4E	1,972	260	249	334	2,815
F-15	1,712	698	301	1,295	4,006
F-16	855	463	210	648	2,176
F-111A	1,821	760	400	1,484	4,465

\*Budget Cost Factors are those used in the FY1982 budget.

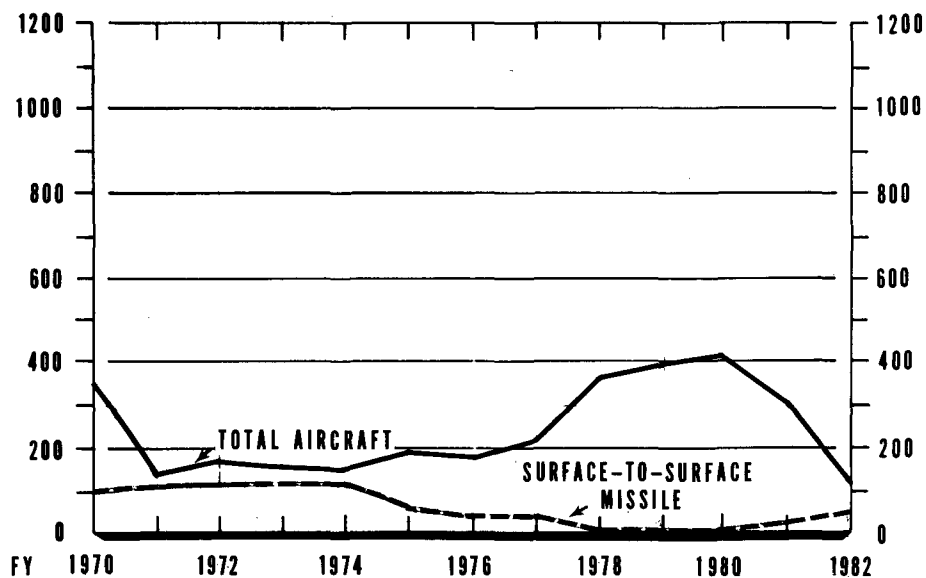
# USAF PROCUREMENT PROGRAMS BY FISCAL YEAR FUNDING

## MISSILES

	<u>FY 1970</u>	<u>FY 1972</u>	<u>FY 1974</u>	<u>FY 1976</u>	<u>FY 1978</u>	<u>FY 1979</u>	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
SURFACE TO SURFACE	100	120	115	50	-	-	-	11	54
AIR TO SURFACE	300	2,756	4,154	7,120	855	24	275	480	930
AIR TO AIR	1,200	-	75	1,330	3,600	4,000	3,370	1,170	1,540
TOTAL MISSILES	1,600	2,885	4,344	8,500	4,455	4,024	3,645	1,161	2,524

## AIRCRAFT

BOMBER	-	-	-	-	-	-	-	-	-
ATTACK/FIGHTER	230	145	122	161	345	379	391	288	126
RECON/ELECTRONIC	-	12	1	4	3	3	5	6	4
CARGO/TRANSPORT	41	13	42	16	8	8	7	6	-
TANKER/CARGO	-	-	-	-	-	2	4	6	-
RESCUE (FIXED WING)	-	-	-	-	-	-	-	-	-
TRAINER	38	7	-	-	-	-	-	-	-
UTILITY	-	-	-	-	-	-	-	-	-
OBSERVATION	-	-	-	-	-	-	-	-	-
HELICOPTER	38	-	-	-	-	-	-	-	-
TOTAL AIRCRAFT	347	177	165	181	356	392	407	306	130



# MAJOR WEAPONS ACQUISITION CURRENT ESTIMATES

## SAR SUMMARY FOR AIRCRAFT SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup> PROG	UNIT			QUANTITY	
		PROG	PROC	FLYAWAY	PROC	
A-10	4.78	6.8M	6.2M	5.3M	687	10
E-3A	4.4	131.0	32.2	59.4	31	3
E-4 2	1.1	177.4	136.0	132.9	5	1
EF-111A	1.4	34.0	24.9	20.1	42	(2)
F-15	14.3	19.0	16.6	13.6	729	20
F-16	21.9	15.7	15.0	11.9	1388	8

CONSTANT FY 82 \$					BASE YR. FLYAWAY (\$ M)	
A-10	6.08	8.5M	7.5M	6.3M	2.2 (FY 70)	
E-3A	6.3	184.5	113.5	77.9	39.0 (FY 70)	
E-4	1.2	204.7	124.4	121.6	61.3 (FY 74)	
EF-111A	1.3	30.7	23.8	19.0	9.0 (FY 73)	
F-15	20.3	27.2	22.4	18.3	6.2 (FY 70)	
F-16	18.4	13.2	12.2	9.5	5.0 (FY 75)	

<sup>1/</sup>Includes: E-4, Mil Con (\$19.7M); EF-111A, O&M (\$163.8M).

<sup>2/</sup>Interim NEACP retrofit/mod to advanced configuration not included  
(Current Estimate, \$520.4M).

## SAR SUMMARY FOR MISSILE AND SPACE SYSTEMS

THEN YEAR \$	TOTAL <sup>1</sup> PROG	UNIT		QUANTITY	
		PROG	PROC	PROC	R&D
AIM-7M	1.4258	.116M	.116M	12297	0
AIM-9M	.5861	.083	.082	7060	0
AGM-650 (IR Maverick)	4.401	.072	.070	60664	33
DSCS III	1.242	88.679	81.175	12	2
NAVSTAR GPS	2.307	57.668	39.982	28	12
ALCM	6.060	1.760	1.364	3418	24
GLCM	2.723	4.786	3.985	560	9

CONSTANT FY 82 \$				
AIM-7M	1.2868	.105M	.104M	
AIM-9M	.527	.075	.065	
AGM-650 (IR Maverick)	3.050	.050	.047	
DSCS III	1.104	78.869	65.753	
NAVSTAR GPS	2.070	51.750	29.723	
ALCM	5.549	1.612	1.258	
GLCM	2.214	3.890	3.117	

<sup>1/</sup>Includes M11 Con; ALCM (\$298.1M), GLCM (\$250.2M),  
NAVSTAR GPS (\$14.7).

AF/ACMM/55979

Source: 31 Dec 1980 SAR

**Constant Dollars**—The purchasing power of a dollar of any specific year, past, present, or future.

**Base Year Dollars**—Constant dollars of a specified program base year, normally the year of the Development Estimate.

**Current or Then Year Dollars**—Appropriated dollars; reflect the price levels at the time expenditures are actually made; includes estimated inflation for out-years.

**Program Acquisition Cost (shown in SAR):** Procurement Cost plus: RDT&E, MILCON

**Flyaway Cost:** Airframe, Propulsion Equipment, Electronics, Armament, Other Installed Government—Furnished Equipment, Nonrecurring Costs, Allowance for Engineering Change Orders

**Procurement Cost:** Flyaway Cost plus: Pec. Ground Support Equip, Pec. Trng Equip, Pubs, Tech Data, Contractor Tech Services, Installation and Checkout, Factory Training, Force Mod (Air Force Minuteman Only), and Initial Spares.

Source: Section 241, DOD Budget Guidance Manual, 8 Aug 75.

# HISTORICAL INFLATION INDICES

## FY 1950-1980

FY	GNP Deflator		CPI-U		WPI	
		(%)		(%)		(%)
1950	.434	-	.457	-	.459	-
1951	.462	6.5	.485	6.1	.521	13.5
1952	.476	3.0	.507	4.5	.526	1.0
1953	.485	1.9	.515	1.6	.515	-2.1
1954	.490	1.0	.519	0.8	.515	0
1955	.497	1.4	.517	-0.4	.513	-0.4
1956	.511	2.8	.519	0.4	.524	2.1
1957	.530	3.7	.534	2.9	.542	3.4
1958	.543	2.5	.552	3.4	.553	2.0
1959	.553	1.8	.559	1.3	.557	0.7
1960	.565	2.2	.567	1.4	.556	-0.2
1961	.572	1.2	.575	1.4	.557	0.2
1962	.580	1.4	.581	1.0	.555	-0.4
1963	.589	1.6	.587	1.0	.556	0.2
1964	.598	1.5	.595	1.4	.556	0
1965	.609	1.8	.603	1.3	.560	0.7
1966	.626	2.8	.617	2.3	.578	3.2
1967	.645	3.0	.635	2.9	.588	1.7
1968	.669	3.7	.657	3.5	.594	1.0
1969	.700	4.6	.688	4.7	.613	3.2
1970	.740	5.7	.729	6.0	.639	4.2
1971	.776	4.9	.767	5.2	.658	3.0
1972	.812	4.6	.794	3.5	.683	3.8
1973	.848	4.4	.827	4.2	.737	7.9
1974	.910	7.3	.900	8.8	.855	16.0
1975	1.000	9.9	1.000	10.0	1.000	17.0
1976	1.069	6.9	1.071	7.1	1.053	5.3
1977	1.142	6.8	1.151	7.5	1.125	6.8
1978	1.218	6.7	1.233	7.1	1.202	6.8
1979	1.322	8.5	1.360	10.3	1.338	11.3
1980	1.436	8.6	1.545	13.6	1.533	14.6



# ESTIMATED GROSS NATIONAL PRODUCT AT MARKET PRICES<sup>1</sup>

Billion 1979 US \$

CY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
World	4,680	6,060	7,750	9,090	9,330	9,430	9,880	10,300	10,700	11,100
Developed Countries	3,080	3,970	5,050	5,890	5,920	5,900	6,200	6,440	6,680	6,900
United States	1,219.2	1,531.9	1,779.4	2,043.5	2,015.0	1,989.3	2,106.4	2,218.0	2,315.1	2,368.8
Australia	51.6	65.9	87.8	100.6	103.4	105.8	109.8	111.0	113.7	119.1
Canada	89.7	119.0	149.2	181.6	188.0	190.1	200.9	206.3	213.3	219.3
Japan	223.2	358.8	633.3	812.5	804.5	823.8	873.2	920.4	971.9	1,030.2
Spain	66.5	101.1	137.4	169.3	178.3	179.6	183.3	187.7	193.6	196.5
Sweden	56.8	72.5	88.2	92.4	96.3	97.1	98.4	95.8	98.4	102.4
Switzerland	59.4	76.8	92.2	102.1	103.6	96.5	95.2	97.5	97.7	98.0
European Community	1,150	1,450	1,830	2,090	2,120	2,090	2,200	2,250	2,320	2,390
Belgium	51.2	65.8	82.5	96.8	101.3	99.3	104.9	106.3	108.9	112.2
France	232.1	308.4	408.3	480.3	495.7	496.7	521.0	535.6	553.3	569.9
Italy	142.3	184.0	246.6	276.2	287.8	278.0	293.9	298.9	306.6	318.9
Netherlands	68.9	88.1	113.7	129.7	134.2	132.9	139.9	143.8	147.3	152.1
United Kingdom	247.9	291.1	326.1	370.7	365.2	361.6	375.0	379.9	392.4	394.3
West Germany <sup>2</sup>	363.6	466.9	586.7	658.7	662.0	648.3	684.7	703.8	728.5	759.8
Less Developed Countries	573	766	992	1,200	1,320	1,360	1,440	1,500	1,590	1,640
Communist Countries	1,030	1,320	1,700	2,000	2,090	2,180	2,240	2,340	2,470	2,520
USSR and Eastern Europe	794	1,020	1,290	1,490	1,550	1,600	1,660	1,720	1,790	1,800
USSR <sup>3</sup>	588.9	773.4	988.7	1,141.7	1,191.4	1,226.9	1,272.8	1,312.1	1,366.3	1,374.8
Eastern Europe <sup>4</sup>	205	247	297	345	361	376	392	406	419	426
Bulgaria	11.1	15.3	19.7	22.1	22.8	24.7	25.7	25.4	26.0	26.7
Czechoslovakia	45.7	50.5	59.7	66.2	68.4	70.5	71.6	75.0	76.0	76.6
East Germany	50.4	58.1	67.8	73.9	77.4	80.4	82.1	85.0	87.0	89.1
Hungary	19.9	23.7	27.5	30.9	31.7	32.3	32.3	34.3	35.3	35.7
Poland	53.0	64.3	78.3	96.6	102.4	107.3	111.6	114.8	119.2	119.1
Romania	24.7	34.7	44.1	55.4	58.4	61.0	68.8	71.3	75.5	78.9
Far East										
China	158.8	201.6	285.7	360.8	374.6	400.9	400.0	432.8	482.9	517.0
North Korea	3.8	6.0	7.9	10.8	12.1	13.0	12.6	12.6	13.5	14.1
Other										
Yugoslavia	22.0	29.6	38.0	44.8	48.4	50.2	52.3	56.4	60.2	64.4

<sup>1</sup> Data for the non-Communist countries were converted from national currencies by using the 1979 Par Rate/Market Rate factors.

<sup>2</sup> Including data for West Berlin.

<sup>3</sup> Figures for 1965, 1975-77 are from I. Edwards, M. Hughes, J. Noren, "US and USSR: Comparisons of GNP," in US Congress, Joint Economic Committee, The Soviet Economy in a Time of Change (Washington, DC, 1979). Data for other years were derived by moving 1976 Soviet GNP in dollars (geometric mean) through time by indexes of Soviet GNP in 1976 established ruble prices. This shortcut procedure gives results that are quite close to those obtained through the more complex procedures used for the benchmark years of the study - 1955, 1965, 1975-77. A detailed discussion of estimating Soviet GNP in 1976 US dollars is available in the study cited above.

<sup>4</sup> The dollar values of gross national product are not official figures. They are estimates based on Western concepts and procedures, which compare as closely as possible to values published by Western countries. Estimates of GNP in domestic prices were converted at US purchasing power equivalent and extended to 1979 by means of the US official deflator for GNP. For additional information, see T.P. Alton, "Comparative Structure and Growth of Economic Activity in Eastern Europe," in US Congress, Joint Economic Committee, East European Economics Post-Helsinki: A Compendium of Papers (Washington, DC 1977).

Source: CIA - Handbook of  
Economic Statistics, 1980.

ECON 2

AE/ACNM/79406

# DEFENSE EXPENDITURES AS A SHARE OF GNP<sup>1</sup>

Percent

CY	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Australia	4.4	3.4	3.1	2.9	2.4	2.2	2.6	2.7	2.6	2.6
Austria	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.1	1.1	1.3
Belgium	3.1	2.9	2.8	2.8	2.7	2.7	3.0	3.2	3.1	3.2
Canada	3.0	2.4	2.3	2.1	2.0	2.0	1.9	1.9	2.0	2.0
Denmark	2.8	2.4	2.5	2.3	2.1	2.4	2.6	2.5	2.3	2.4
Finland	1.7	1.5	1.6	1.6	1.6	1.5	1.7	1.6	1.4	1.5
France	5.2	4.2	4.0	3.9	3.8	3.7	3.9	3.8	3.9	3.9
Greece	3.5	4.7	4.6	4.4	4.0	4.1	6.3	5.3	4.5	4.7
Ireland	1.4	1.1	1.2	1.2	1.3	1.4	1.6	1.7	1.6	1.6
Italy	3.3	2.7	2.9	3.1	2.9	2.8	2.7	2.6	2.6	2.7
Japan	1.0	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
Luxembourg	1.4	0.8	0.8	0.9	0.8	0.8	1.0	1.1	0.9	0.9
Netherlands	4.0	3.5	3.4	3.4	3.2	3.3	3.5	3.3	3.5	3.3
New Zealand	2.1	2.0	1.9	1.7	1.6	1.8	1.8	1.7	1.8	1.9
Norway	3.8	3.7	3.4	3.3	3.2	3.1	3.3	3.2	3.2	3.3
Portugal	6.0	6.5	6.7	6.3	5.4	6.8	4.9	3.7	3.4	3.3
Spain	2.7	3.1	3.0	3.0	2.7	2.7	2.9	2.8	1.8	1.8
Sweden	3.9	3.6	3.7	3.7	3.6	3.5	3.4	3.3	3.4	3.4
Switzerland	2.6	2.1	2.1	2.0	1.9	1.9	1.9	2.1	2.0	2.0
Turkey	5.0	4.2	4.4	4.1	3.9	3.7	4.4	5.5	5.3	4.8
United Kingdom	5.9	4.8	4.9	5.1	4.8	5.0	5.0	5.0	4.9	4.8
United States <sup>2</sup>	7.8	8.0	6.9	6.2	5.7	5.4	5.4	5.2	5.0	4.7
West Germany <sup>3</sup>	4.3	3.3	3.4	3.5	3.5	3.6	3.6	3.5	3.4	3.3
Less Developed Countries	N.A.	6.1	6.2	6.2	6.1	5.8	6.3	6.2	5.7	5.5
OPEC	N.A.	4.9	5.6	6.3	6.5	6.4	8.0	8.3	7.8	7.9
Iran	N.A.	7.8	8.4	8.5	8.3	11.8	14.4	13.2	11.6	14.2
Nigeria	N.A.	5.9	4.3	5.2	5.0	3.8	4.4	3.8	4.9	4.2
Saudi Arabia	N.A.	6.1	11.6	14.7	16.4	9.3	14.8	18.9	16.0	16.1

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency, based on the ratio of military expenditures to GNP at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces, including expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space,

and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1976 prices.

<sup>3</sup> Including data for West Berlin.

Source: CIA - Handbook of Economic Statistics, 1980.

# ECONOMIC PROFILE: US-USSR, 1979 <sup>CY</sup>

	<u>UNITED STATES</u>	<u>USSR</u>
Aggregative data		
Population		
Million persons at midyear	220.6	263.4
Percent change from 1978	+ 0.9	+0.8
Gross National Product		
Billion 1979 U.S. \$ <sup>1</sup>	2,368.8	1,374.8 <sup>2</sup>
Percent real growth in 1979	2.3	0.7 <sup>2</sup>
Per capita (1979 U.S.\$)	10,740	5,220
Industrial production (% growth in 1979)	4.1	2.0
Industry		
Primary energy (million barrels per day of oil equivalents)	32.1	26.3
Electric power (billion kilowatt-hours)	2,432	1,239
Crude steel (million metric tons)	123.3	149.0
Cement (million metric tons)	75.3	123.0
Trade and International Reserves		
Exports <sup>3</sup> (billion U.S.\$)	181.6 <sup>4</sup>	64.9
Imports <sup>5</sup> (billion U.S.\$)	218.9	58.0
Trade balance (billion U.S.\$)	-37.3	+7.0
Indicators of living standards		
Grain production (kilograms per capita)	1,332	680
Meat production (kilograms per capita)	114	59
Automobile registrations <sup>6</sup> (units per thousand persons)	528	25
Energy consumption (barrels oil equivalent per capita)	62	30
Telephones in use (units per thousand persons)	742	79

<sup>1</sup>Data for the USSR were converted at U.S. purchasing power equivalents.

<sup>2</sup>Data are at factor costs.

<sup>3</sup>Data are f.o.b. (free on board).

<sup>4</sup>Excluding Department of Defense shipments.

<sup>5</sup>Data are c.i.f. (cost, insurance, and freight).

<sup>6</sup>Data are for 1978.

Source: CIA - Handbook of Economic Statistics, 1980.

# UNITED STATES: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	CY 1970	1974	1975	1976	1977	1978	1979
<b>Aggregative data</b>								
Gross national product	Billion 1979 US \$	1,779.4	2,015.0	1,989.3	2,106.4	2,218.0	2,315.1	2,368.8
Index of industrial production	1970 = 100	100	120	109	120	127	135	141
Total population (midyear)	Million	204.9	211.9	213.6	215.1	216.8	218.5	220.6
Labor force <sup>2</sup>	Million	85.9	93.2	94.8	96.9	99.5	102.5	105.0
<b>Fuels and power</b>								
Primary energy (crude oil equivalents) <sup>3</sup>	Thousand b/d	30,801	30,102	29,791	29,652	29,315	29,960	32,100
Electric power (gross)	Billion kWh	1,742.7	2,086.3	2,131.0	2,169.7	2,361.7	2,436.6	2,432.0
Hard coal	Million mt	550.4	539.3	576.2	598.1	604.7	566.7	668.6
Crude oil	Thousand b/d	9,648	8,770	8,375	8,130	8,180	8,700	8,535
Natural gas <sup>4</sup>	Billion cf	21,920.6	21,600.5	20,108.7	19,952.4	19,900.0	19,494.0	20,400.0
<b>Metals</b>								
Crude steel <sup>5</sup>	Million mt	119.3	132.2	105.8	116.1	113.2	124.0	123.3
Pig iron <sup>6</sup>	Million mt	82.8	86.6	72.5	78.8	73.8	79.5	78.9
Iron ore	Million mt	91.2	85.7	80.1	81.3	56.7	82.0	86.5
Lead <sup>7</sup>	Thousand mt	605	611	577	592	549	562	576
<b>Agriculture</b>								
Grain	Million mt	186.7	204.5	248.7	257.4	262.3	267.3	293.7
Meat <sup>8</sup>	Thousand mt	22,548	23,628	23,000	25,140	25,199	24,644	25,200
Milk	Thousand mt	53,268	52,414	52,312	54,554	55,773	55,200	56,100
Fish catch	Thousand mt	2,892	2,929	2,898	3,176	3,102	3,512	N/A
Cattle (beginning of year)	Million head	112.4	127.8	132.0	128.0	122.8	116.3	110.9
<b>Manufactured items</b>								
Sulfuric acid(100 percent)	Thousand mt	26,785	31,005	29,357	30,209	32,496	35,968	38,116
Mineral fertilizer (nutrients) <sup>9</sup>	Thousand mt	15,789	17,117	17,890	18,453	19,371	20,993	N/A
Cotton fabrics	Million lm	5,711	4,560	3,956	4,069	3,874	3,623	3,595
Rayon and acetate fabrics	Million lm	1,374	901	610	507	600	673	670
Metalcutting machine tools	Thousand	49.3	69.0	74.3	54.1	59.4	58.1	65.2
Cement	Million mt*	67.4	73.4	61.8	66.2	71.3	76.2	75.3
Passenger automobiles <sup>10</sup>	Thousand	6,547	7,331	6,713	8,498	9,199	9,165	8,419
Radio receivers	Thousand	44,427	43,993	34,516	44,102	52,926	48,036	40,029
Television receivers	Thousand	9,493	15,279	10,637	14,131	15,432	17,406	16,616
Tractors	Thousand	191.7	233.8	232.0	213.2	226.9	197.3	222.4
<b>Trade</b>								
Railroad freight traffic	Million mt	1,426.3	1,544.0	1,368.5	1,440.7	1,499.2	1,556.9	1,637.3
Motor vehicle freight traffic	Billion mtkm	675.9	812.0	744.8	836.6	920.3	990.0	1,030.2
Imports (c.i.f.) <sup>11</sup>	Million US \$	42,429	107,996	103,389	129,565	156,650	183,137	218,900
Exports (c.i.f.)	Million US \$	42,659	97,908	107,130	114,800	121,150	143,570	181,600

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, kWh; barrels per day, b/d; cubic feet, cf; linear meters, lm; and metric ton kilometers, mtkm.

<sup>2</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.

<sup>3</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalents, and exclude minor fuels such as peat, shale, and firewood.

<sup>4</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>5</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>6</sup> Excluding manganiferous iron ore containing 5 percent or more manganese.

<sup>7</sup> Excluding refined lead produced from imported bullion.

<sup>8</sup> Data are on a carcass weight, bone-in basis and are for beef, veal, pork, mutton, lamb, goat, and poultry.

<sup>9</sup> Data are for "fertilizer years"---in general, the year beginning 1 July.

<sup>10</sup> Factory sales.

<sup>11</sup> Excluding Department of Defense shipments.

Source: CIA Handbook of Economic Statistics, 1980.

# USSR: ECONOMIC PROFILE

	Unit of Measure <sup>1</sup>	1970	1974	1975	1976	1977	1978	1979
<b>Aggregative data</b>								
Gross national product <sup>2</sup>	Billion 1979 US \$	988.7	1,191.4	1,226.9	1,272.8	1,312.1	1,366.3	1,374.8
Index of industrial production	1970 = 100	100	126	133	138	144	149	152
Total population (midyear)	Million	242.8	252.1	254.4	256.7	258.9	261.2	263.4
Labor Force <sup>3</sup>	Million	125.6	133.6	138.0	138.0	140.1	141.7	144.2
<b>Fuels and power</b>								
Primary energy (crude oil equivalent) <sup>4</sup>	Thousand b/d	17,020	20,710	21,920	23,150	24,290	25,400	26,280
Electric power (gross)	Billion kWh	740.9	975.8	1,038.6	1,111.4	1,150.1	1,202.0	1,239.0
Hard Coal	Million mt	432.7	473.4	485.0	494.0	503.0	501.0	497.0
Crude oil <sup>5</sup>	Thousand b/d	6,976	9,020	9,630	10,170	10,700	11,215	11,470
Natural Gas <sup>5</sup>	Billion cf	6,990.4	9,201.3	10,215.4	11,334.4	12,219.0	13,140.6	14,380.0
<b>Metals</b>								
Crude steel	Million mt	115.9	136.2	141.3	144.7	146.7	151.5	149.0
Pig Iron	Million mt	85.9	99.9	103.0	105.4	107.4	110.7	109.0
Iron ore	Million mt	195.5	224.8	232.8	239.1	239.7	244.2	241.0
Refined copper	Thousand mt	1,015	1,250	1,320	1,350	1,400	1,460	1,500
Primary aluminum	Thousand mt	1,490	2,020	2,130	2,220	2,270	2,330	2,410
Lead	Thousand mt	470	530	540	560	575	580	585
<b>Agriculture</b>								
Grain <sup>6</sup>	Million mt	186.8	195.7	140.1	223.8	195.7	237.2	179.0
Meat <sup>7</sup>	Thousand mt	12,278	14,620	14,968	13,600	14,700	15,501	15,500
Milk <sup>8</sup>	Thousand mt	83,016	91,760	90,804	89,675	94,665	94,677	93,300
Fish Catch <sup>9</sup>	Thousand mt	7,828	9,622	10,357	10,478	9,651	9,230	N/A
Cattle (beginning of year)	Million head	95.2	106.3	109.1	111.0	110.4	112.7	114.1
<b>Manufactured items</b>								
Sulfuric acid(100 percent)	Thousand mt	12,059	16,633	18,645	20,015	21,104	22,411	22,400
Mineral fertilizer (nutrients)	Thousand mt	13,099	19,352	21,988	22,590	23,493	23,653	22,140
Cotton fabrics	Million sm	6,152	6,624	6,634	6,779	6,811	6,967	6,974
Rayon & acetate fabrics	Million sm	1,112	1,371	1,463	1,550	N/A	N/A	N/A
Metalcutting machine tools	Thousand	202.2	225.6	231.3	232.8	237.6	237.9	229.5
Cement	Million mt	95.3	115.1	122.1	124.3	127.1	127.0	123.0
Tractors	Thousand	458.5	531.1	550.4	562.2	569.1	576.1	557.0
Passenger automobiles	Thousand	344	1,119	1,201	1,239	1,280	1,312	1,314
Radio receivers	Thousand	7,815	8,753	8,376	8,456	8,652	8,728	8,452
Television receivers	Thousand	6,682	6,569	6,960	7,063	7,073	7,165	7,271
<b>Transportation and trade</b>								
Railroad freight traffic	Million mt	2,896.0	3,496.8	3,621.1	3,655.0	3,723.0	3,776.4	3,688.0
Motor vehicle freight traffic	Billion mtkm	220.8	312.5	338.0	355.1	373.3	396.0	418.0
Imports (f.o.b.)	Million US \$	11,720	24,861	37,070	38,212	40,926	50,795	58,000
Exports (f.o.b.)	Million US \$	12,787	27,374	33,401	37,269	45,227	52,395	64,900

<sup>1</sup> Abbreviations for units of measure are as follows: metric tons, mt; kilowatt-hours, Kwh; barrels per day, b/d; cubic feet, cf; metric ton-kilometers, mtkm, and square meters, sm.

<sup>2</sup> Converted at US purchasing power equivalents.

<sup>3</sup> Data include the armed forces and the unemployed.

<sup>4</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of crude oil equivalent and exclude minor fuels such as peat, shale, and firewood.

<sup>5</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>6</sup> Data are for miscellaneous grains including pulses. Measured in bunker weight, that is, gross output from the combine which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US an average discount of 11 percent should be applied.

<sup>7</sup> Data are on a slaughter-weight, bone-in basis and include beef, veal, buffalo, mutton, lamb, goat, rabbit, horse-meat, poultry, game, edible offal, and slaughter fat. Slaughter weight is roughly 3 percent less than carcass weight because it excludes kidney and leaf fat.

<sup>8</sup> Including milk from sheep, goats, mares, and camels.

<sup>9</sup> Including aquatic mammals.

Source: CIA Handbook of Economic Statistics, 1980.

# PRIMARY ENERGY PRODUCTION<sup>1</sup>

THOUSAND BARRELS PER DAY OF OIL EQUIVALENT

CY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
United States	21,143	24,918	30,819	31,701	30,508	30,154	30,134	30,340	30,843	32,126
Canada	1,750	2,539	3,709	4,942	4,893	4,678	4,567	4,774	4,822	5,223
Japan	1,017	1,106	1,028	774	861	874	923	851	990	1,128
Norway	158	255	298	403	427	590	721	673	807	901
European Community	<b>6,920</b>	<b>7,240</b>	<b>7,170</b>	<b>7,700</b>	<b>7,780</b>	<b>8,200</b>	<b>8,500</b>	<b>9,270</b>	<b>9,270</b>	<b>9,900</b>
Belgium <sup>2</sup>	31	274	161	129	120	146	159	160	155	144
France	1,082	1,115	1,026	860	874	899	819	975	957	965
Italy	395	423	490	502	504	515	522	528	510	499
Netherlands	216	233	648	1,349	1,583	1,702	1,818	1,814	1,669	1,748
United Kingdom	2,691	2,680	2,346	2,452	2,290	2,571	2,786	3,381	3,665	4,149
West Germany	2,503	2,521	2,495	2,400	2,402	2,357	2,386	2,402	2,306	2,375
Other Countries										
Iran	1,126	1,977	3,920	6,267	6,481	5,802	6,332	6,093	5,651	3,250
Kuwait	1,766	2,451	3,138	3,171	2,686	2,225	2,291	2,127	2,315	2,742
Saudi Arabia	1,405	2,313	3,929	7,763	8,717	7,312	8,877	9,554	8,716	10,142
Communist Countries										
USSR and Eastern Europe	<b>13,200</b>	<b>17,800</b>	<b>22,300</b>	<b>25,100</b>	<b>26,400</b>	<b>27,800</b>	<b>29,200</b>	<b>30,500</b>	<b>31,600</b>	<b>32,700</b>
USSR	9,280	13,210	17,020	19,550	20,710	21,920	23,150	24,290	25,400	26,280
Eastern Europe	<b>3,870</b>	<b>4,570</b>	<b>5,280</b>	<b>5,550</b>	<b>5,660</b>	<b>5,840</b>	<b>6,030</b>	<b>6,180</b>	<b>6,240</b>	<b>6,370</b>
Bulgaria	109	144	151	133	123	143	145	154	153	164
Czechoslovakia	761	865	906	898	908	907	931	948	949	968
East Germany	1,027	1,113	1,172	1,105	1,113	1,126	1,143	1,171	1,174	1,166
Hungary	207	254	277	276	276	270	286	292	304	288
Poland	1,278	1,531	1,895	2,133	2,197	2,294	2,384	2,479	2,529	2,703
Romania	487	666	879	1,009	1,039	1,096	1,145	1,133	1,127	1,078
Far East										
China	N.A.	2,570	3,970	5,290	5,650	6,560	6,810	7,620	8,470	8,710
North Korea	N.A.	324	466	546	N.A.	622	618	622	644	663
Other										
Yugoslavia	202	286	330	362	400	402	419	458	470	488

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

<sup>2</sup> Including data for Luxembourg.

Source: CIA - Handbook of Economic Statistics, 1980.

# PRIMARY ENERGY CONSUMPTION<sup>1</sup>

Thousand Barrels per Day of Oil Equivalent

CY	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States	20,628	24,782	31,577	35,233	34,534	33,557	35,626	36,705	37,572
Canada	1,960	2,417	3,148	3,882	3,832	4,043	4,081	4,205	4,384
Japan	1,931	3,179	5,821	7,068	7,148	6,974	7,125	7,168	7,315
Norway	186	267	360	408	401	406	426	414	453
European Community									
Belgium <sup>2</sup>	588	751	971	1,093	1,064	973	1,031	1,022	1,033
France	1,840	2,364	3,080	3,781	3,669	3,431	3,645	3,677	3,897
Italy	1,058	1,617	2,479	2,796	2,793	2,663	2,835	2,877	2,859
Netherlands	487	735	1,156	1,468	1,410	1,392	1,522	1,477	1,513
United Kingdom	3,506	3,962	4,358	4,587	4,384	4,129	4,200	4,286	4,288
West Germany	2,960	3,762	4,798	5,390	5,266	4,919	5,329	5,311	5,510
Other Countries									
Iran	97	135	389	481	560	609	683	740	891
Kuwait	49	93	110	68	74	79	92	105	114
Saudi Arabia	20	35	103	75	95	124	148	156	179
Communist Countries									
USSR and Eastern Europe									
USSR <sup>3</sup>	8,520	11,750	14,830	17,230	18,050	19,020	19,750	20,660	21,620
Eastern Europe									
Bulgaria	132	254	391	470	504	526	550	591	623
Czechoslovakia	798	986	1,136	1,243	1,275	1,298	1,361	1,452	1,463
East Germany	1,171	1,336	1,491	1,538	1,555	1,576	1,617	1,676	1,707
Hungary	269	360	431	475	489	509	533	548	591
Poland	1,053	1,295	1,653	1,863	1,926	2,078	2,185	2,293	2,375
Romania	376	565	844	1,031	1,044	1,125	1,219	1,244	1,314
Other									
Yugoslavia	227	331	448	542	597	598	639	677	719

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent. Data exclude minor fuels such as peat, shale, and fuelwood and include marine bunkers.

<sup>2</sup> Including data for Luxembourg.

<sup>3</sup> Including peat, shale, and fuelwood.

Source: CIA - Handbook of Economic Statistics, 1980.

# CRUDE OIL REFINING CAPACITY

Thousand Barrels per Day

1 January 1980

<b>OECD<sup>1</sup></b>	<b>43,552.5</b>	<b>Other Countries</b>	
United States	17,719.9	Argentina	676.2
Australia	724.6	Bahamas	500.0
Canada	2,222.1	Brazil	1,205.0
Japan	5,509.2	Egypt	234.0
Spain	1,455.9	India	556.8
European Community	15,920.8	Mexico	1,393.5
Belgium	1,064.0	Netherlands Antilles	792.0
France	3,384.9	Singapore	920.8
Italy	4,131.2	Trinidad and Tobago	456.0
Netherlands	1,827.5	Virgin Islands	728.0
United Kingdom	2,527.5	<b>Communist Countries</b>	
West Germany	2,985.7	USSR and Eastern Europe	13,280.0
<b>OPEC</b>	<b>4,744.9</b>	USSR	10,950.0
Abu Dhabi	13.5	Eastern Europe	2,330.0
Algeria	122.4	Bulgaria	280.0
Ecuador	86.1	Czechoslovakia	420.0
Gabon	20.0	East Germany	440.0
Indonesia	527.7	Hungary	230.0
Iran	920.5	Poland	380.0
Iraq	168.5	Romania	580.0
Kuwait	645.0	<b>Far East</b>	
Libya	137.6	China	1,600.0
Nigeria	160.0	North Korea	90.0
Qatar	10.8	<b>Other</b>	
Saudi Arabia	487.3	Cuba	125.0
Venezuela	1,445.5	Yugoslavia	400.0

<sup>1</sup>OECD - Organization for Economic Cooperation and Development includes: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom, United States, and West Germany.

Source: CIA - Handbook of Economic Statistics, 1980.



# PRODUCTION OF CRUDE OIL<sup>1</sup>

THOUSANDS OF BARRELS PER DAY

ECON 10

CY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>OECD<sup>2</sup></b>	<b>7,860</b>	<b>9,010</b>	<b>11,500</b>	<b>11,700</b>	<b>11,200</b>	<b>10,700</b>	<b>10,700</b>	<b>11,300</b>	<b>12,200</b>	<b>12,700</b>
United States	7,055	7,804	9,648	9,210	8,770	8,375	8,130	8,180	8,700	8,535
Canada	526	793	1,305	1,800	1,695	1,460	1,300	1,320	1,315	1,495
European Community	221	309	264	209	197	204	431	952	1,260	1,750
<b>Other Countries</b>										
Abu Dhabi	0	282	691	1,305	1,410	1,370	1,585	1,650	1,445	1,465
Algeria	183	544	976	1,070	960	975	1,020	1,100	1,160	1,135
Gabon	16	25	104	150	200	225	225	220	210	205
Indonesia	411	501	855	1,340	1,375	1,305	1,505	1,685	1,635	1,590
Iran	1,068	1,895	3,831	5,860	6,020	5,350	5,885	5,665	5,240	3,035
Iraq	1,004	1,311	1,563	2,020	1,970	2,260	2,415	2,350	2,560	3,435
Kuwait <sup>3</sup>	1,696	2,362	2,983	3,020	2,545	2,085	2,143	1,980	2,132	2,500
Libya	0	1,238	3,321	2,175	1,520	1,480	1,935	2,065	1,985	2,065
Mexico	271	328	420	450	575	715	800	980	1,215	1,460
Nigeria	17	263	1,090	2,055	2,255	1,785	2,070	2,085	1,895	2,305
Qatar	175	227	367	570	520	440	495	445	485	505
Saudi Arabia <sup>3</sup>	1,315	2,204	3,789	7,595	8,480	7,075	8,575	9,210	8,302	9,530
Venezuela	2,846	3,473	3,708	3,365	2,976	2,345	2,295	2,240	2,165	2,355
<b>Communist Countries</b>										
USSR and Eastern Europe	<b>3,220</b>	<b>5,150</b>	<b>7,320</b>	<b>8,780</b>	<b>9,380</b>	<b>9,990</b>	<b>10,500</b>	<b>11,100</b>	<b>11,600</b>	<b>11,800</b>
USSR	2,943	4,835	6,976	8,420	9,020	9,630	10,170	10,700	11,215	11,470
Eastern Europe	277	317	340	356	362	363	366	364	345	313
Bulgaria	4	5	7	4	3	2	2	3	3	3
Czechoslovakia	3	4	4	3	3	3	3	2	2	2
East Germany	1	1	1	1	1	1	1	1	1	1
Hungary	24	36	39	40	40	40	43	44	44	41
Poland	4	7	8	8	11	11	9	7	7	7
Romania	241	264	281	300	304	306	308	307	288	259
Far East										
China <sup>2,4</sup>	102	227	603	1,138	1,364	1,542	1,736	1,874	2,082	2,122
<b>Other</b>										
Albania	15	16	30	34	35	37	38	38	N.A.	N.A.
Cuba	1	1	3	3	3	5	5	5	5	5
Yugoslavia	18	40	57	68	69	74	78	79	79	83

<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude natural gas liquids, shale oil, natural gasoline, and synthetic crude oil.

<sup>2</sup> Including shale oil.

<sup>3</sup> Including about one-half of neutral zone production, which amounted to about 460,000 barrels per day in 1978.

<sup>4</sup> Including small quantities of synthetic crude oil.

Source: CIA - Handbook of Economic Statistics, 1980.

AF/ACMM/79406

# PROVED RESERVES OF CRUDE OIL, NATURAL GAS, AND COAL, YEAR-END 1979 <sup>1</sup> CY

	Crude Oil (Billion Barrels)	Natural Gas (Trillion Cubic Feet)	Coal <sup>2</sup> (Million Metric Tons)
<b>OECD</b>			
United States	26	194	178,600
Canada	7	86	9,400
Norway	6	24	N.A.
<b>European Community</b>			
United Kingdom	15	25	45,000
West Germany	Negl.	6	34,400
<b>Other Countries</b>			
Algeria	8	132	N.A.
Brazil	1	2	8,100
Ecuador	1	4	0
Egypt	3	3	Negl.
India	3	9	33,700
Indonesia	10	24	1,400
Iran	58	490	200
Iraq	31	28	0
Kuwait	65	31	0
Libya	24	24	0
Mexico	31	59	900
Nigeria	17	41	100
Oman	2	2	0
Qatar	4	60	0
Saudi Arabia	163	93	0
South Africa	0	0	26,900
Syria	2	2	0
United Arab Emirates	29	20	0
Venezuela	18	43	1,000
<b>Communist Countries</b>			
<b>USSR and Eastern Europe</b>			
USSR	35	1,060 <sup>3</sup>	256,000 <sup>3</sup>
<b>Eastern Europe</b>			
Poland	Negl.	5	21,800
Romania	1	9	400
<b>Other</b>			
North Korea	0	0	8,000
Yugoslavia	Negl.	1	8,500

<sup>1</sup> The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology.

<sup>2</sup> Yearend 1977. Data are expressed in terms of coal equivalent (7,000 kilocalories per kilogram).

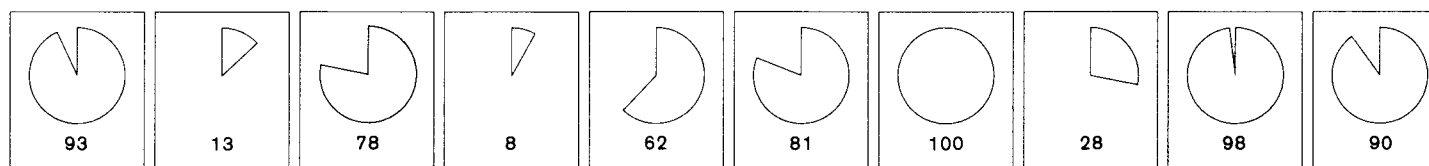
<sup>3</sup> Including proved, probable, and some possible reserves.

Source: CIA - Handbook of Economic Statistics, 1980.

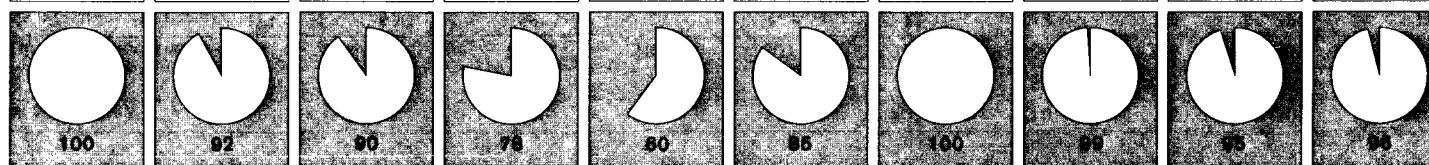
# Minerals and Metals: Imports as a Share of Consumption, 1979 CY

Percent

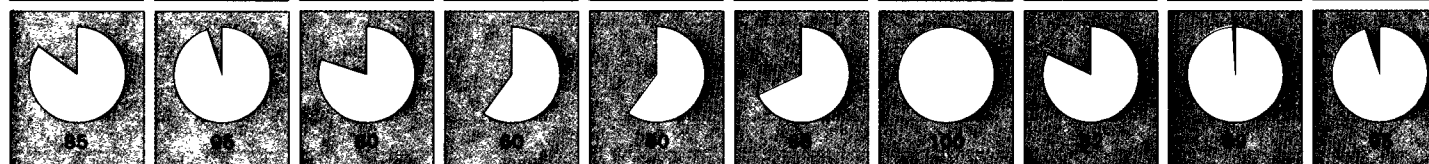
## United States



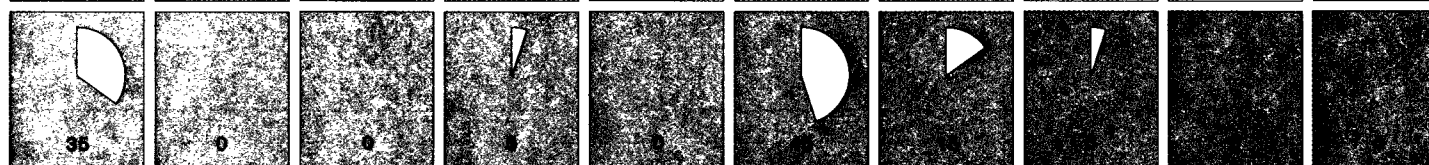
## Japan



## European Community



## USSR and Eastern Europe



Bauxite

Copper

Nickel

Lead

Zinc

Tin

Cobalt

Iron Ore

Manganese

Chromium

Source: CIA - Handbook of Economic Statistics, 1980.

# U.S. MILITARY DELIVERIES TO THE LESS DEVELOPED COUNTRIES, BY RECIPIENT

## MILLIONS US \$

	CY	1955-79	1973	1974	1975	1976	1977	1978	1979
Total		66,874	5,735	4,430	4,807	5,928	7,130	7,976	6,679
Africa		1,129	18	28	31	81	155	214	222
Ethiopia		285	9	8	18	26	72	0	Negl.
Libya		74	1	1	1	Negl.	Negl.	Negl.	Negl.
Morocco		389	2	4	3	20	53	100	142
Tunisia		99	2	6	2	3	6	2	45
Zaire		76	1	1	1	4	8	12	4
Other		206	3	8	6	28	16	100	31
East Asia		24,408	4,761	1,868	2,023	729	679	1,010	1,033
Burma		93	Negl.	Negl.	Negl.	Negl.	Negl.	1	8
Malaysia		218	3	13	32	19	44	67	21
Philippines		668	16	24	21	45	51	54	38
South Korea		5,659	279	118	214	359	273	515	485
Taiwan		3,926	101	169	177	184	194	210	241
Thailand		1,111	89	46	52	69	53	117	101
Other		12,733	4,273	1,498	1,528	53	64	46	139
Latin America		2,204	82	95	144	220	213	127	130
Argentina		283	10	14	10	12	13	24	38
Brazil		567	25	27	47	90	15	13	16
Chile		270	3	7	13	41	57	11	8
Colombia		136	2	5	2	2	8	5	7
Ecuador		96	Negl.	Negl.	2	6	10	24	13
Peru		248	1	5	9	33	31	18	19
Uruguay		67	7	3	3	2	6	2	1
Venezuela		276	13	17	42	13	52	10	13
Other		261	21	17	16	21	21	20	15
Middle East and South Asia		37,244	785	2,369	2,548	4,750	5,879	6,511	5,147
Greece		3,148	49	114	148	362	274	229	211
India		208	1	1	3	10	11	11	11
Iran		11,164	261	684	1,056	2,033	2,563	2,040	1,007
Israel		6,682	212	1,032	776	1,017	1,082	987	574
Jordan		969	42	49	33	138	115	182	164
Pakistan		960	5	13	15	16	44	55	65
Saudi Arabia		9,070	92	350	349	1,023	1,546	2,535	2,556
Turkey		3,954	113	123	155	117	49	175	151
Other		1,089	10	3	13	34	195	297	408
Europe		1,889	89	70	61	148	204	114	135
Portugal		380	2	3	2	2	4	25	12
Spain		1,509	87	67	59	146	200	89	123

<sup>1</sup> Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program grants under the various Mutual Security Acts; (b) Foreign Military Sales, which consist of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Military assistance excess stocks, which involve surplus equipment that has been valued at 33 percent of the original acquisition value. For East Asia, the

Military Assistance Service Funded program is included in the data through 1975. Countries receiving these funds in East Asia were Laos, South Korea, Thailand and South Vietnam. US data exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program. All data reflect the latest available information as of December 1979.

Source: CIA - Handbook of Economic Statistics, 1980.



# SELECTED ACQUISITION REPORTS (SARs)

SYSTEM: A-10PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY70-80)	CHANGES	CURRENT ESTIMATE (FY70-82)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 281.9	+\$ 64.5	\$ 346.4	DEVELOPMENT	\$ 456.9	\$ 9.4	\$13.8	\$-	\$ 480.1 B/
PROCUREMENT	1486.5	+ 307.6	1794.1	PROCUREMENT	4255.3	12.1	-	-	4267.4
Airframe	(702.0)	(+ 213.6)	(915.6)	CONSTRUCTION	-	-	-	-	-
Engines	(363.1)	(+ 19.5)	(382.6)	Total	\$4712.2	\$21.5	\$13.8	\$0	\$4747.5
Avionics	(75.1)	(+ 73.0)	(148.1)	QUANTITIES					
Other Hardware	(66.3)	(+ 9.2)	(75.5)	DEVELOPMENT	10	-	-	-	10
Total Flyaway	(1206.5)	(+ 315.3)	(1521.8)	PROCUREMENT	687	-	-	-	687
Other Wpn Sys Cost	(150.8)	(+ 29.1)	(179.9)	Total	697	0	0	0	697
Initial Spares	(129.2)	(- 36.8)	(92.4)	APPROVED DESIGN TO COST GOAL: Average Flyaway Cost for 600 Units at a production rate of 15 per month.					
CONSTRUCTION	-	-	-						
Total (FY70\$)	1768.4	+ 372.1	2140.5						
ESCALATION	721.3	+1885.7	2607.0						
TOTAL PROG COST	\$2489.7	+\$2257.8	\$4747.5						
QUANTITIES				Constant FY70\$	DEVELOPMENT ESTIMATE 1.5 C/	APPROVED PROGRAM 1.8	CURRENT ESTIMATE 2.1		
DEVELOPMENT	14	-4	10	Escalated	2.2	4.0	5.0		
PROCUREMENT	729	-42	687 A/	FOREIGN MILITARY SALES: None					
Total	743	-46	697						
UNIT COST				A/ Current Estimate includes costs for 687 aircraft and long lead items for a potential 46 aircraft buy in FY82.					
PROCUREMENT									
Constant FY70\$	\$2.04	+0.57	\$2.61						
Escalated	\$2.95	+3.26	\$6.21						
PROGRAM				B/ includes \$14.9M from PE 64201F for Standard Inertial Navigation System Development.					
Constant FY70\$	\$2.38	+0.69	\$3.07						
Escalated	\$3.35	+3.46	\$6.81	C/ The Development Estimate Design to Cost Goal was based upon a production rate of 20 per month.					

SYSTEM: AIM-7MPROGRAM COST SECTION\*  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1978

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY78-83)	CHANGES	CURRENT ESTIMATE (FY78-86)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE		TOTAL
							FYDP	BEYOND FYDP	
DEVELOPMENT	\$ 2.9	+ \$ 0.5	\$ 3.4	DEVELOPMENT	\$ 4.5	\$ -	\$ -	\$ -	\$ 4.5
PROCUREMENT	277.4	+501.0	778.4	PROCUREMENT	215.5	152.7	1052.6	-	1420.8
Air Vehicle	(275.1)	(+477.9)	(753.0)	CONSTRUCTION	-	-	-	-	-
Total Flyaway	(275.1)	(+477.9)	(753.0)	Total	\$ 220.0	\$ 152.7	\$1052.6	\$ 0	\$1425.3
Peculiar Support	( 1.6)	(+ 5.6)	( 7.2)	QUANTITIES					
Initial Spares	( 0.7)	(+ 17.5)	( 18.2)	DEVELOPMENT	-	-	-	-	-
CONSTRUCTION	-	-	-	PROCUREMENT	1240	1060	9997	-	12297
Total (FY 78 \$)	280.3	+501.5	781.8	Total	1240	1060	9997	0	12297
ESCALATION	82.9	+560.6	643.5	APPROVED DESIGN TO COST GOAL: AIM/RIM-7M Average Guidance and Control Group Cost for a 100 unit per month production rate at the 1000th production unit.					
TOTAL PROG COST	\$ 363.2	+\$1062.1	\$1425.3						
QUANTITIES							DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
DEVELOPMENT	-	-	-	Constant FY 77 \$		.087		.087	.085
PROCUREMENT	3790	+ 8507	12297	Escalated		.140		.140	.136
	3790	+ 8507	12297						
FOREIGN MILITARY SALES: None									
UNIT COSTS									
PROCUREMENT				DELIVERIES					
Constant FY78\$	\$ .073	- .010	\$ .063	(Plan/Actual)	TO DATE	+1 QTR	+2 QTR	+3 QTR	+4 QTR
Escalated	\$ .095	+ .020	\$ .115						
PROGRAM				Development	0/0	0	0	0	0
Constant FY78\$	\$ .074	- .010	\$ .064	Procurement	4725/4364	396	190	135	200
Escalated	\$ .096	+ .020	\$ .116						

\*This section reports Air Force Program as contained in PE 27161F, TAC AIM Missiles. USAF/USN development funds for FY 78 (\$19.0M) are contained in PE 63316F/AMRAAM; FY 79 (\$13.0M) and FY 80 (\$13.3M) funds are contained in PE 64305N. Section E.2. Development quantity does not include the 81 AIM-7M missiles from AMRAAM PE 63316F.

SYSTEM: AIM-9MPROGRAM ACQUISITION COST\*  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1976

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY76-85)	CHANGES	CURRENT ESTIMATE (FY76-86)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 6.4	+\$ 1.1	\$ 7.5	DEVELOPMENT	\$ 9.6	\$ -	\$ -	\$ -	\$ 9.6
PROCUREMENT	145.6	+127.4	273.0	PROCUREMENT	46.4	59.2	470.6	-	576.2
GCK/Fuze Section	( 75.4)	(+ 70.8)	(146.2)	CONSTRUCTION	-	-	-	-	-
Warhead	( 3.8)	(+ 6.6)	( 10.4)	Total	\$56.0	\$59.2	\$470.6	\$ 0	\$585.8
Propulsion	( 9.1)	(+ 8.6)	( 17.7)						
Other Wea Sys Cost	( 40.3)	(+ 28.6)	( 68.9)						
Total Flyaway	(128.6)	(+114.6)	(243.2)	QUANTITIES					
Peculiar Support	( 12.3)	(+ 7.1)	( 19.4)	DEVELOPMENT	-	-	-	-	-
Initial Spares	( 4.7)	(+ 5.7)	( 10.4)	PROCUREMENT	260	480	6320	-	7060
CONSTRUCTION	-	-	-	Total	260	480	6320	0	7060
Total (FY76 \$)	152.0	+128.5	280.5						
ESCALATION	125.6	+179.7	305.3						
TOTAL PROG COST	\$ 277.6	+\$308.2	\$ 585.8						

QUANTITIES

FOREIGN MILITARY SALES: None

DEVELOPMENT	-	-	-
PROCUREMENT	3430	+ 3630	7060
Total	3430	+ 3630	7060
UNIT COSTS			
PROCUREMENT			
Constant FY76	\$ .042	- .003	\$ .039
Escalated	\$ .079	+ .003	\$ .082
PROGRAM			
Constant FY76	\$ .044	- .004	\$ .040
Escalated	\$ .081	+ .002	\$ .083

DELIVERIES

(Plan/Actual)	TO DATE	+1 QTR	+2 QTR	+3 QTR	+4 QTR
Development	0/0	0	0	0	0
Procurement	0/0	0	0	0	0

\* This cost section reports Air Force Program only.

SYSTEM: ALCMPROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1977

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY74-85)	CHANGES	CURRENT ESTIMATE (FY74-87)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT A/	\$ 696.1	\$ 241.6	\$ 937.7	DEVELOPMENT	\$1016.8	\$ 70.6	\$ 11.3	\$ -	\$1098.7
PROCUREMENT B/	2311.6	+ 156.6	2468.2	PROCUREMENT	1150.7	605.4	2242.3	664.3	4662.7
Air Vehicle	(2094.4)	(+ 82.5)	(2176.9)	CONSTRUCTION	80.5	108.0	71.7	37.9	298.1
Total Flyaway	(2094.4)	(+ 82.5)	(2176.9)	Total	\$2248.0	\$784.0	\$2325.3	\$702.2	\$6059.5
Peculiar Support	( 188.6)	(+ 47.4)	( 236.0)						
Initial Spares	( 28.6)	(+ 26.7)	( 55.3)						
CONSTRUCTION	121.4	+ 36.7	158.1	QUANTITIES					
Total (FY77\$)	3129.1	+434.9	3564.0	DEVELOPMENT					
ESCALATION	1054.9	+1440.6	2495.5	AGM-109	7	-	-	-	7
TOTAL PROG COST	\$4184.0	+\$1875.5	\$6059.5	AGM-86	17	-	-	-	17
				PROCUREMENT	753	440	1760	465	3418
				Total	777	440	1760	465	3442

QUANTITIES

DEVELOPMENT			
AGM-109	14	-7	7
AGM-86	21	-4	17
PROCUREMENT	3424	-6	3418
Total	3459	-17	3442

APPROVED DESIGN TO COST GOAL: Average flyaway cost units for 3418 missiles at a production rate 40 per month.

UNIT COSTS

PROCUREMENT			
Constant FY77\$	\$0.675	+ .047	\$0.722
Escalated	\$0.958	+ .406	\$1.364
PROGRAM			
Constant FY77\$	\$0.905	+ .130	\$1.035
Escalated	\$1.210	+ .550	\$1.760

	DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
Constant FY77\$	.325	.325	.575
Escalated	.461 C/	.461 C/	1.020

FOREIGN MILITARY SALES: None

A/ The "Development Estimate" and "Current Estimate" include \$122.7M in development costs, prior to the base year which have not been escalated to constant FY77 dollars. The \$122.7M equates to \$134.5M in constant FY77 dollars.

B/ Excludes Carrier Aircraft Equipment (CAE).

C/ Approximated for information purposes only.

SYSTEM: DSCS III (SPACE SEGMENT)PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1977

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY76-94)	CHANGES	CURRENT ESTIMATE (FY76-95)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$134.3	+\$ 71.0	\$ 205.3	DEVELOPMENT	\$179.2	\$ 34.8	\$ 43.3	\$10.1	\$ 267.4
PROCUREMENT	496.8	+ 11.6	508.4	PROCUREMENT	137.5	131.6	685.9	19.1	974.1
Satellites	(313.1)	(+ 153.7)	(466.8)	CONSTRUCTION	-	-	-	-	-
Launch Vehicles	(183.7)	(- 142.1)	( 41.6)	Total	\$316.7	\$166.4	\$729.2	\$29.2	\$1241.5
CONSTRUCTION	-	-	-	QUANTITIES					
Total (FY77\$)	631.1	+ 82.6	713.7	DEVELOPMENT	2	-	-	-	2
ESCALATION	262.5	+ 265.3	527.8	PROCUREMENT	1	2	9	-	12
TOTAL PROG COST	\$893.6	+\$347.9	\$1241.5	Total	3	2	9	0	14

QUANTITIES			
DEVELOPMENT	2	-	2
PROCUREMENT	12	-	12
Total	14	0	14

APPROVED DESIGN TO COST GOAL: Goal for the 5th and 6th satellites.

UNIT COSTS			
PROCUREMENT			
Constant FY77\$	\$ 41.4	+ 1.0	\$ 42.4
Escalated	\$ 61.8	+ 19.4	\$ 81.2
PROGRAM			
Constant FY77\$	\$ 45.1	+ 5.9	\$ 51.0
Escalated	\$ 63.8	+ 24.9	\$ 88.7

	DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE
Constant FY77\$	20.0	20.0	27.6
Escalated	28.5	28.5	55.1

FOREIGN MILITARY SALES: None.

SYSTEM: E-3APROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1970

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY 65-80)	CHANGES	CURRENT ESTIMATE (FY 65-84)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY 82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT A/	\$ 761.0	+\$ 406.2	\$1167.2	DEVELOPMENT	\$1440.6	\$ 53.8	\$ 102.2	\$-	\$1596.6
PROCUREMENT	1389.9	- 31.6	1358.3	PROCUREMENT	2304.7	-	552.8	-	2857.5
Total Flyaway	(1096.8)	(- 165.1)	(931.7)	CONSTRUCTION	-	-	-	-	-
Other Weap. Sys. Cost	( 112.4)	(+ 201.9)	(314.3)	TOTAL	\$3745.3	\$ 53.8	\$ 655.0	\$0	\$4454.1
Initial Spares	( 180.7)	(- 68.4)	(112.3)	QUANTITIES					
CONSTRUCTION	-	-	-	DEVELOPMENT	3	-	-	-	3
Total (FY 70\$)	\$ 2150.9	+ 374.6	2525.5	PROCUREMENT	27	-	4	-	31
ESCALATION	510.7	+ 1417.9	1928.6	TOTAL	30	0	4	0	34
TOTAL PROGRAM COST	\$ 2661.6	+\$1792.5	\$4454.1						

QUANTITIES

DEVELOPMENT	-	+ 3	3
PROCUREMENT	42	- 11	31
Total	42	- 8	34

UNIT COSTS

PROCUREMENT			
Constant FY 70\$	\$ 33.1	+ 10.7	\$ 43.8
Escalated	\$ 42.5	+ 49.7	\$ 92.2
PROGRAM			
Constant FY 70\$	\$ 51.2	+ 23.1	\$ 74.3
Escalated	\$ 63.4	+ 67.6	\$ 131.0

APPROVED DESIGN TO COST GOAL: None.

FOREIGN MILITARY SALES: None.

A/ The "Development Estimate" and "Current Estimate" include \$53.0M in development costs, prior to the base year, which have not been escalated to FY 70 dollars. The \$53.0M equates to \$57.2M in constant FY 70 dollars.



SYSTEM: E-4

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1974

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY73-88)	CHANGES	CURRENT ESTIMATE (FY73-88)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$158.8	+\$135.1	\$293.9	DEVELOPMENT	\$361.7	\$3.4	\$ -	\$ -	\$365.1 B/
PROCUREMENT	255.0	58.6	313.6	PROCUREMENT	99.1	-	580.9	-	680.0
Weapon System	(246.1)	(+ 64.6)	(310.7)	CONSTRUCTION	19.7	-	-	-	19.7
Total Flyaway	(237.4)	(+ 69.2)	(306.6)	Total	\$480.5	\$3.4	\$580.9	\$ -	\$1064.8 A/
Peculiar Support	(8.7)	(- 4.6)	(4.1)						
Initial Spares	(8.9)	(- 6.0)	(2.9)	QUANTITIES					
CONSTRUCTION	29.1	-15.3	13.8	DEVELOPMENT	1	-	-	-	1
Total (FY74\$)	442.9	+178.4	621.3	PROCUREMENT	3	-	2	-	5
				Total	4	0	2	0	6

ESCALATION 41.4 +402.1 443.5

TOTAL PROG COST A/ \$484.3 +\$580.5 \$1064.8

QUANTITIES			
DEVELOPMENT	1	-	1
PROCUREMENT	6	-1	5
Total	7	-1	6

APPROVED DESIGN TO COST GOAL: None.

FOREIGN MILITARY SALES: \*None.

UNIT COSTS			
PROCUREMENT			
Constant FY74\$	\$ 42.5	+ 20.2	\$ 62.7
Escalated	\$ 47.4	+ 88.6	\$ 136.0
PROGRAM			
Constant FY74\$	\$ 63.3	+ 40.3	\$ 103.6
Escalated	\$ 69.2	+ 108.3	\$ 177.5

A/ Interim NEACP retrofit modification to advanced configuration not included. Current estimate - \$520.4M (\$381.3M for kits (Proc) and \$139.1M for installation (O&M)).

B/ OSD has approved additional continuing funds for development and study of future block efforts as follows: FY81 & P: \$3.9M; FY82: \$6.2M; FY83: \$3.7M; FY84: \$3.7M; FY85: \$4.3M; FY86: \$4.6M. The E-4 Program has reached a state of maturity where the block concept may no longer support effective program management. Consequently, we are investigating an alternate approach to the block concept.

SYSTEM: EF-111A TJS

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1973

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY73-81)	CHANGES	CURRENT ESTIMATE (FY73-86)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 84.3	+\$ 54.4	\$138.7	DEVELOPMENT	\$160.2	\$14.5	\$44.4	\$0	\$219.1
PROCUREMENT	294.5	+179.5	474.0	PROCUREMENT	579.6	264.3	202.7	-	1046.6 A/
Aircraft Mod	(243.4)	(+195.7)	(439.1)	CONSTRUCTION	-	-	-	-	-
Kits	(197.7)	(+180.2)	(377.9)	O&M	29.6	30.1	104.1	-	163.8 A/
Total Flyaway	(197.7)	(+180.2)	(377.9)	Total	\$769.4	\$308.9	\$351.2	\$0	\$1429.5
Other Weap Sys									
Cost	( 45.7)	(+ 15.5)	( 61.2)	QUANTITIES					
Initial Spares	( 51.1)	(- 16.2)	( 34.9)	DEVELOPMENT	2	-	-	-	2
CONSTRUCTION	-	-	-	PROCUREMENT	19	12	9	-	40
Total (FY73\$)	378.8	+233.9	612.7	Total	21	12	9	0	42
O&M (Kits Inst Only)	34.6	+38.0	72.6						
Total: (FY73\$)	413.4	+271.9	685.3						

ESCALATION 218.5 +525.7 744.2

TOTAL PROG COST \$631.9 +\$797.6 \$1429.5

QUANTITIES			
DEVELOPMENT	2	-	2
PROCUREMENT	40	-	40
TOTAL	42	0	42

APPROVED DESIGN TO COST GOAL: Cumulative average flyaway based on 40 aircraft at a peak rate of 2 per month.

A/ Includes funds to retrofit two development aircraft to procurement configuration.

B/ Approximated for informational purposes only.

UNIT COSTS			
PROCUREMENT			
Constant FY73\$	\$ 7.36	+ 3.93	\$ 11.29 C/ C/
Escalated	\$ 11.48	+ 13.44	\$ 24.92
PROGRAM			
Constant FY73\$	\$ 9.84	+ 6.48	\$ 16.32
Escalated	\$ 15.05	+ 18.99	\$ 34.04

C/ Based on 42 aircraft, including the two retrofitted development aircraft.

SYSTEM: F-15

PROGRAM COST SECTION  
(Dollars in Millions)

AS OF DATE: 31 December 1980

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY69-79)	CHANGES	CURRENT ESTIMATE (FY69-85)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT A/	\$ 1654.9	+\$ 288.1	\$ 1943.0	DEVELOPMENT	\$ 2108.1	\$ 24.8	\$ 63.1	\$ -	\$ 2196.0
PROCUREMENT	4333.2	+ 1220.8	5554.0	PROCUREMENT	10626.9	904.8	543.4	-	12075.1
Airframe	(1679.1)	(+782.7)	(2461.8)	CONSTRUCTION	-	-	-	-	-
Engines	(832.4)	(+317.5)	(1149.9)	Total	\$12735.0	\$ 929.6	\$ 606.5	.0	\$14271.1
Electronics	(866.8)	(-40.6)	(826.2)	QUANTITIES					
Armament	(111.8)	(-41.7)	(70.1)						
Other Hardware	(18.2)	(+22.7)	(40.9)						
Total Flyaway	(3508.3)	(+1040.6)	(4548.9)						
Peculiar Support	(449.2)	(+108.3)	(557.5)						
Initial Spares	(375.7)	(+71.9)	(447.6)	DEVELOPMENT	20	-	-	-	20
CONSTRUCTION	-	-	-	PROCUREMENT	681	30	18	-	729
Total (FY70\$)	5988.1	+1508.9	7497.0	Total	701	30	18	0	749
ESCALATION	1367.1	+5407.0	6774.1	APPROVED DESIGN TO COST GOAL: None					
TOTAL PROG COST	\$ 7355.2	+\$6915.9	\$14271.1	FOREIGN MILITARY SALES: Sales to date total 114 to an estimated cost of \$3131.1M, including: 4 RDT&E and 36 production aircraft to Israel at \$910.1M; 12 to Japan at \$250.8M; and 62 to Saudi Arabia at \$1970.2M.					
QUANTITIES									
DEVELOPMENT	20	-	20						
PROCUREMENT	729	-	729						
Total	749	0	749						
UNIT COSTS									
PROCUREMENT									
Constant FY70\$	\$ 5.94	+1.68	\$ 7.62						
Escalated	\$ 7.65	+8.91	\$ 16.56						
PROGRAM									
Constant FY70\$	\$ 7.99	+2.02	\$ 10.01						
Escalated	\$ 9.82	+9.23	\$ 19.05						

A/ The "Development Estimate" and "Current Estimate" includes \$77.53M in development costs, prior to the base year, which have not been escalated to FY70 dollars. The \$77.53M equates to \$80.47M in constant FY70 dollars.

SYSTEM: F-16

PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1975

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY75-82)	CHANGES	CURRENT ESTIMATE (FY75-90)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP	BEYOND FYDP	TOTAL
DEVELOPMENT	\$ 578.6	+\$210.6	\$ 789.2	DEVELOPMENT	\$ 899.8	\$ 43.0	\$ 108.0	\$ -	\$ 1050.8
PROCUREMENT	3798.2	+5152.5	8950.7	PROCUREMENT	6728.7	1647.6	6991.9	5486.8	20855.0
Airframe	(1375.4)	(+1922.3)	(3297.7)	CONSTRUCTION	-	-	-	-	-
Engine	( 911.3)	(+ 798.9)	(1710.2)	Total	\$7628.5	\$1690.6	\$7099.9	\$5486.8	\$21905.8
Electronics	( 539.6)	(+ 997.5)	(1537.1)	QUANTITIES					
Armament	( 171.6)	(+ 78.2)	( 249.8)						
Sys/Project Mgt	( 33.8)	(+ 138.8)	( 172.6)						
Total Flyaway	(3031.7)	(+3935.7)	(6967.4)						
Peculiar Support	( 435.2)	(+ 802.1)	(1237.3)						
Initial Spares	( 331.3)	(+ 414.7)	( 746.0)	DEVELOPMENT	8	-	-	-	8
CONSTRUCTION	-	-	-	PROCUREMENT	605	96	384	303	1388
Total (FY75\$)	4376.8	+5363.1	9739.9	Total	613	96	384	303	1396
ESCALATION	1677.7	+10488.2	12165.9	APPROVED DESIGN TO COST GOAL: None.					
TOTAL PROG COST	\$ 6054.5	+\$15851.3	\$21905.8						
QUANTITIES									
DEVELOPMENT	8	-	8						
PROCUREMENT	650	+ 738	1388						
Total	658	+ 738	1396						
UNIT COST									
PROCUREMENT									
Constant FY75\$	\$ 5.84	+ 0.61	\$ 6.45						
Escalated	\$ 8.30	+ 6.73	\$ 15.03						
PROGRAM									
Constant FY75\$	\$ 6.65	+ 0.33	\$ 6.98						
Escalated	\$ 9.20	+ 6.49	\$ 15.69						

SYSTEM: GLCMPROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1977

<u>PROGRAM ACQUISITION COST</u>	<u>DEVELOPMENT ESTIMATE</u> (FY 78-86)	<u>CHANGES</u>	<u>CURRENT ESTIMATE</u> (FY 78-87)	<u>FUNDING</u>	<u>CURRENT &amp; PRIOR YRS</u>	<u>BUDGET YEAR</u> (FY 82)	<u>BALANCE TO COMPLETE</u> <u>FYDP</u> <u>BEYOND FYDP</u>		<u>TOTAL</u>
DEVELOPMENT	\$ 74.8	+\$98.0	\$ 172.9	DEVELOPMENT	\$179.6	\$ 53.2	\$ 9.0	\$ -	\$ 241.8
PROCUREMENT	927.6	+192.0	1119.6	PROCUREMENT	127.2	355.1	1676.3	72.8	2231.4
Air Vehicle	(646.9)	(-105.0)	(541.9)	CONSTRUCTION	22.2	77.5	150.5	-	250.2
Launch Equip.	(131.8)	(+200.1)	(331.7)	Total	329.0	\$ 485.8	\$1835.8	\$ 72.8	\$2723.4
Total Flyaway	(778.7)	(+95.1)	(873.6)						
Peculiar Support	(129.0)	(+ 92.0)	(221.0)						
Initial Spares	(19.9)	(+ 5.1)	(25.0)	QUANTITIES					
CONSTRUCTION	51.2	+74.6	125.7	DEVELOPMENT	9	-	-	-	9
Total (FY 77\$)	1053.6	+364.6	1418.2	PROCUREMENT	11	54	495	-	560
				Total	20	54	495	0	569
ESCALATION	473.6	+831.6	1305.2						
TOTAL PROG COST	\$1527.2	+\$1196.2	\$2723.4						
<u>(U) QUANTITIES</u>									
DEVELOPMENT	6	+ 3	9	<u>APPROVED DESIGN TO COST GOAL:</u> Not yet established					
PROCUREMENT	696	- 136	560						
Total	702	- 133	569						
<u>(U) UNIT COSTS</u>									
PROCUREMENT				<u>FOREIGN MILITARY SALES:</u> None.					
Constant FY77\$	\$1.333	+ 0.667	\$2.000						
Escalated	\$1.962	+ 2.023	\$3.985						
PROGRAM									
Constant FY77\$	\$1.501	+ 0.992	\$2.493						
Escalated	\$2.175	+ 2.611	\$4.786						

SYSTEM: IR MAVERICK (AGM-65D)PROGRAM COST SECTION  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1975

<u>PROGRAM ACQUISITION COST</u>	<u>DEVELOPMENT ESTIMATE (FY75-86)</u>	<u>CHANGES</u>	<u>CURRENT ESTIMATE (FY75-90)</u>	<u>FUNDING</u>	<u>CURRENT &amp; PRIOR YRS</u>	<u>BUDGET YEAR (FY82)</u>	<u>BALANCE TO COMPLETE</u>		<u>TOTAL</u>
							<u>FYDP</u>	<u>BEYOND FYDP</u>	
DEVELOPMENT	\$ 100.0	+\$ 7.0	\$ 107.0	DEVELOPMENT	\$150.1	\$ 10.9	\$ 6.0	\$ -	\$ 167.0
PROCUREMENT	895.1	+ 642.2	1537.3	PROCUREMENT	-	204.2	1539.6	2490.3	4234.1
Air Vehicle	(792.1)	+ (645.8)	(1437.9)	CONSTRUCTION	-	-	-	-	-
Total Flyaway	(792.1)	+ (645.8)	(1437.9)	Total	\$150.1	\$215.1	\$1545.6	\$2490.3	\$4401.1
Peculiar Support	(99.1)	- (14.4)	(84.7)						
Initial Spares	(3.9)	+ (10.8)	(14.7)	QUANTITIES					
CONSTRUCTION	-	-	-	DEVELOPMENT	33	-	-	-	33
Total (FY75\$)	995.1	+ 649.2	1644.3	PROCUREMENT	-	490	21630	38544	60664
				Total	33	490	21630	38544	60697
ESCALATION	597.8	+ 2159.0	2756.8						
TOTAL PROG COST	\$1592.9	+\$2808.2	4401.1	APPROVED DESIGN TO COST GOAL: Average unit flyaway cost based on 14,740 missiles at peak production rate of 500 missiles per month.					
QUANTITIES									
DEVELOPMENT	35	-2	33		DEVELOPMENT ESTIMATE	APPROVED PROGRAM	CURRENT ESTIMATE		
PROCUREMENT	31078	+29586	60664						
Total	31113	+29584	60697						
UNIT COSTS				Constant FY75\$	.0324	.0324	.0316		
PROCUREMENT				Escalated	.0504	.0768	.0736	A/	
Constant FY75\$	\$ .0288	- .0035	\$ .0253	FOREIGN MILITARY SALES: None					
Escalated	\$ .0469	+ .0229	\$ .0698						
PROGRAM									
Constant FY75\$	\$ .0320	- .0049	\$ .0271						
Escalated	\$ .0512	+ .0213	\$ .0725						

A/ Approximated for information purposes only

SYSTEM: MAYSIAR GPSSELECTED ACQUISITION REPORT  
(Dollars in Million)AS OF DATE: 31 December 1980  
BASE YEAR: 1979

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY74-87)	CHANGES	CURRENT ESTIMATE (FY74-87)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL
DEVELOPMENT A/ PROGRAM MFI	\$ 926.3 623.4	-	\$ 926.3 623.4	DEVELOPMENT	\$590.6	\$170.1	\$ 391.7 \$ 20.1	\$1172.5 1119.5
Control Segment	-	-	-	PROCUREMENT	-	78.6	921.8 119.1	14.7
Flyaway	-	-	-	CONSTRUCTION	-	-	14.7	14.7
Other Weapon	-	-	-	Total	\$590.6	\$248.7	\$1328.2 \$139.2	\$2306.7
Sys Costs	-	-	-	QUANTITIES				
Initial Spares	-	-	-	DEVELOPMENT	12	-	-	12
Space Segment	(623.4)	-	(623.4)	PROCUREMENT	-	2	23	28
Spacecraft Fly-	(623.4)	-	(623.4)	Total	12	1	24	40
away	-	-	-					
Launch Vehicle	-	-	-	APPROVED DESIGN TO COST GOAL:				
Flyaway	-	-	-	DEVELOPMENT				
Other Weapon	-	-	-	ESTIMATE			APPROVED	CURRENT
Sys Costs	-	-	-	ESTIMATE			PROGRAM	ESTIMATE C/
CONSTRUCTION	8.4	-	8.4	Spacecraft				
Total (FY79\$)	1558.1	0	1558.1	Constant FY79\$	\$20.3		\$20.3	\$20.3
ESCALATION	748.6	-	748.6	Escalated	54.8		54.8	54.8
TOTAL PROG COST	\$2306.7	\$0	\$2306.7	User Equipment				
				Constant FY79\$	.04		-	.04
				Escalated	.09		-	.09
				USER EQUIPMENT PROCUREMENT COST TRACK (Non-Add): D/				
QUANTITIES				DC			CHANGES	CE
DEVELOPMENT	12	-	12	Esc \$ Qty	Esc \$ Qty	Esc \$ Qty	Esc \$ Qty	Esc \$ Qty
PROCUREMENT	28	-	28	Army	\$151.2 2,390	-	\$151.2 2,390	-
Total	40	0	40	Navy	59.0 750	-	59.0 750	-
UNIT COSTS B/				Air Force	570.9 3,960	-	570.9 3,960	-
PROCUREMENT				DMA	14.8 50	-	14.8 50	-
Constant FY79\$	\$22.3	-	\$22.3	Total	\$795.9 7,150	0	\$795.9 7,150	0
Escalated	\$40.0	-	\$40.0					
PROGRAM								
Constant FY79\$	\$40.0	-	\$40.0					
Escalated	\$57.7	-	\$57.7					

A/ The "Development Estimate" and "Current Estimate" include \$250.4 in development costs, prior to base year, which have not been escalated to constant FY 79 dollars. The \$250.4 equates to \$291.7 in constant FY79 dollars.

B/ Unit Procurement Costs includes peculiar support equipment (PSE), and flight and operational support.

C/ Escalated Design-to-Cost Goal is approximated for reporting purposes only.

D/ These costs are non-add entries because funding is provided by the other agencies. The costs reflected are procurement costs only. Escalated FY74-87 "Development" Costs (other than Air Force) are \$144.8M Army and \$320.0M Navy.

SYSTEM: PISSPROGRAM COST SECTION A/  
(Dollars in Millions)AS OF DATE: 31 December 1980  
BASE YEAR: FY 1977

PROGRAM ACQUISITION COST	DEVELOPMENT ESTIMATE (FY77-84)	CHANGES	CURRENT ESTIMATE (FY77-85)	FUNDING	CURRENT & PRIOR YRS	BUDGET YEAR (FY82)	BALANCE TO COMPLETE FYDP BEYOND FYDP	TOTAL B/
DEVELOPMENT	\$195.4	+\$ 93.6	\$289.0	DEVELOPMENT	\$165.5	\$122.5	\$179.8	\$ 427.8
PROCUREMENT	482.8	- 482.6	-	PROCUREMENT	-	-	-	-
Airborne Relay Veh	(238.4)	(- 238.4)	-	CONSTRUCTION	-	-	-	-
Airborne Equipment	(128.6)	(- 128.6)	-	Total	\$165.5	\$122.5	\$179.8	\$ 427.8
Ground Equipment	(28.1)	(- 28.1)	-	QUANTITIES				
Total Flyaway	(395.1)	(- 395.1)	-	DEVELOPMENT	-	-	(1)	(1)
Other Wpn Sys Cost	(38.4)	(- 38.4)	-	PROCUREMENT	-	-	-	-
Initial Spares	(49.3)	(- 49.3)	-	Total	0	0	(1)	(1) C/
CONSTRUCTION	-	-	-	APPROVED DESIGN TO COST GOAL:				
Total (FY 77 \$)	678.2	- 389.2	289.0	PISS defined by following subsystem quantities: (1) Central Processing Subsystem, (12) Aircraft Mission Subsystems, (12) Site Navigation Subsystems, (100) Vehicle Navigation Subsystems, and (500) Weapon Navigation Subsystems (funded with Munitions Procurement).				
ESCALATION	276.3	- 137.5	+138.8	DEVELOPMENT			APPROVED	CURRENT
TOTAL PROG COST D/	\$954.5	-\$526.7	\$427.8	ESTIMATE			PROGRAM	ESTIMATE E/
QUANTITIES				Constant FY 77 \$	60.9		60.9	60.7
DEVELOPMENT	(1)	-	(1) E/	Escalated	89.4		89.4	116.1
PROCUREMENT	3 D/	-3	(1) E/	FOREIGN MILITARY SALES: None.				
Total	3	-3	(1) E/					
UNIT COSTS								
PROCUREMENT								
Constant FY 77 \$	\$160.9	- 160.9	\$ 0					
Escalated	\$243.8	- 243.8	\$ 0					
PROGRAM								
Constant FY 77 \$	\$226.1	+ 62.9	\$289.0					
Escalated	\$318.2	+ 109.6	\$427.8					

A/ PISS production funding is being rephased to complement the restructured development program schedule. Production estimates for a complete operational system will be reinstated upon resolution of an Air Force reprogramming initiative in FY 81.

B/ The full cost impact of the recent FY 81 budget reduction has not yet been completely determined.

C/ RDT&E subsystems, when updated and refurbished to production configuration, form a part of the final, production system.

D/ The Development Estimate includes the update and refurbishment of the RDT&E subsystems to production configuration, resulting in three (3) production units.

E/ Reflects the acquisition of one (1) system comprised of the RDT&E components.

F/ Estimate expected to increase due to frequency change required for operation in Europe.



# EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF MANAGEMENT AND BUDGET

**DIRECTOR**

Hon. David A. Stockman - 395-4840

**DEPUTY DIRECTOR**

Edwin L. Harper - 395-4742

**EXECUTIVE ASSOCIATE DIRECTOR**

Glenn R. Schleede - 395-3200

**COUNSEL TO THE DIRECTOR**

Michael J. Horowitz - 395-4852

**GENERAL COUNSEL TO THE DIRECTOR**

William M. Nichols - 395-4550

**ASSISTANT TO THE DIRECTOR FOR  
PUBLIC AFFAIRS**

Edwin L. Dale - 395-4747

**ASSISTANT TO THE DIRECTOR FOR  
LEGISLATIVE AFFAIRS**

J. L. Cullen (Actg) - 395-3192

**OFFICE OF ECONOMIC POLICY**

Lawrence A. Kudlow - 395-5873

**ASSISTANT TO THE DIRECTOR FOR  
ADMINISTRATION**

Linda L. Smith - 395-7097

**ASSISTANT TO THE DIRECTOR FOR  
CIVIL RIGHTS**

Nathaniel Scurry - 395-3556

**ASSISTANT DIRECTOR FOR LEGISLATIVE  
REFERENCE**

James M. Frey - 395-4864

**ASSISTANT DIRECTOR FOR BUDGET REVIEW**

Dale R. McOmber - 395-4630

**OFFICE OF FEDERAL PROCUREMENT  
POLICY (ADMINISTRATOR-DESIGNATE)**

Donald E. Sowle - 395-5802

**OFFICE OF INFORMATION AND REGULATORY  
AFFAIRS**

James C. Miller, III - 395-3184

**EXECUTIVE ASSOCIATE DIRECTOR FOR  
MANAGEMENT**

Harold I. Steinberg - 395-4657

**MANAGEMENT IMPROVEMENT AND  
EVALUATION DIVISION**

Howard Messner - 395-4960

**ASSISTANT DIRECTOR FOR FEDERAL  
PERSONNEL POLICY**

Edward F. Preston - 395-4704

**INTERGOVERNMENTAL AFFAIRS DIVISION**

James F. Kelly (Actg) - 395-3774

**ASSOCIATE DIRECTOR FOR NATIONAL  
SECURITY AND INTERNATIONAL AFFAIRS**

William Schneider - 395-6190

**INTERNATIONAL AFFAIRS DIVISION**

Philip A. DuSault - 395-4770

**NATIONAL SECURITY DIVISION**

David Sitrin - 395-3884

**SPECIAL STUDIES DIVISION**

Daniel Taft - 395-3285

**ASSOCIATE DIRECTOR FOR HUMAN  
RESOURCES, VETERANS AND LABOR**

Donald W. Moran - 395-5044

**HEALTH AND INCOME MAINTENANCE  
DIVISION**

David K. Kleinberg (Actg) - 395-3312

**LABOR, VETERANS, AND EDUCATION  
DIVISION**

Bernard H. Martin - 395-3971

**SPECIAL STUDIES DIVISION**

Barbara Selfridge - 395-6150

**ASSOCIATE DIRECTOR FOR ECONOMICS  
AND GOVERNMENT**

Annelise Anderson - 395-3120

**TRANSPORTATION, COMMERCE, AND  
HOUSING DIVISION**

Joyce Walker - 395-4892

**JUSTICE, TREASURY, AND GENERAL  
MANAGEMENT DIVISION**

Joseph Mullinix - 395-3100

**SPECIAL STUDIES DIVISION**

Howard Smolkin - 395-3493

**ASSOCIATE DIRECTOR FOR NATURAL  
RESOURCES, ENERGY, AND SCIENCE**

Frederick N. Khedouri - 395-4844

**NATURAL RESOURCES DIVISION**

Donald E. Crabill - 395-4586

**ENERGY AND SCIENCE DIVISION**

Hugh F. Loweth - 395-3404

**SPECIAL STUDIES DIVISION**

Kenneth Glozer - 395-3040

## SENATE APPROPRIATIONS COMMITTEE

### Republicans

Hatfield, Mark O. (OR) Chairman  
Stevens, Ted (AK)  
Weicker, Lowell P. Jr. (CN)  
McClure, James A. (ID)  
Laxalt, Paul (NV)  
Garn, Jake (UT)  
Schmitt, Harrison "Jack" (NM)  
Cochran, Thad (MS)

Andrews, Mark (ND)  
Abdnor, James (SD)  
Kasten, Robert W. Jr. (WI)  
D'Amato, Alfonse M. (NY)  
Mattingly, Mack (GA)  
Rudman, Warren (NH)  
Specter, Arlen (PA)

### Democrats

Proxmire, William (WI)  
Stennis, John C. (MS)  
Byrd, Robert C. (WV)  
Inouye, Daniel K. (HI)  
Hollings, Ernest F. (SC)  
Eagleton, Thomas F. (MO)  
Chiles, Lawton (FL)

Johnston, J. Bennett, Jr. (LA)  
Huddleston, Walter D. (KY)  
Burdick, Quentin N. (ND)  
Leahy, Patrick J. (VT)  
Sasser, James R. (TN)  
DeConcini, Dennis (AZ)  
Bumpers, Dale (AR)

## DEFENSE SUBCOMMITTEE

### Republicans

Stevens, Ted (AK) Chairman  
Weicker, Lowell P. Jr. (CN)  
Garn, Jake (UT)  
McClure, James A. (ID)

Schmitt, Harrison "Jack" (NM)  
Andrews, Mark (ND)  
Kasten, Robert W. Jr. (WI)  
D'Amato, Alfonse M. (NY)  
Rudman, Warren (NH)

### Democrats

Stennis, John C. (MS)  
Proxmire, William (WI)  
Inouye, Daniel K. (HI)  
Hollings, Ernest F. (SC)

Eagleton, Thomas F. (MO)  
Chiles, Lawton (FL)  
Johnston, J. Bennett, Jr. (LA)  
Huddleston, Walter D. (KY)

## MILITARY CONSTRUCTION SUBCOMMITTEE

### Republicans

Laxalt, Paul (NV) Chairman  
Garn, Jake (UT)

Mattingly, Mack (GA)

### Democrats

Sasser, James R. (TN)

Inouye, Daniel K. (HI)

# HOUSE APPROPRIATIONS COMMITTEE

## Democrats

Whitten, Jamie L. (MS) Chairman  
 Boland, Edward P. (MA)  
 Natcher, William H. (KY)  
 Smith, Neal (IA)  
 Addabbo, Joseph P. (NY)  
 Long, Clarence D. (MD)  
 Yates, Sidney R. (IL)  
 Obey, David R. (WI)  
 Roybal, Edward R. (CA)  
 Stokes, Louis (OH)  
 Bevill, Tom (AL)  
 Chappell, Bill Jr. (FL)  
 Alexander, Bill (AR)  
 Murtha, John P. (PA)  
 Traxler, Bob (MI)  
 Early, Joseph D. (MA)  
 Wilson, Charles (TX)

Boggs, Lindy (LA)  
 Benjamin, Adam Jr. (IN)  
 Dicks, Norman D. (WA)  
 McHugh, Matthew F. (NY)  
 Ginn, Bo (CA)  
 Lehman, William (FL)  
 Hightower, Jack (TX)  
 Sabo, Martin Olav (MN)  
 Dixon, Julian C. (CA)  
 Fazio, Vic (CA)  
 Hefner, W.G. (Bill) (NC)  
 AuCoin, Les (OR)  
 Akaka, Daniel K. (HI)  
 Watkins, Wes (OK)  
 Gray, William H. III (PA)  
 Dwyer, Bernard J. (NJ)

## Republicans

Conte, Silvio O. (MA)  
 McDade, Joseph M. (PA)  
 Edwards, Jack (AL)  
 Myers, John T. (IN)  
 Robinson, J. Kenneth (VA)  
 Miller, Clarence E. (OH)  
 Coughlin, Lawrence (PA)  
 Young, C.W. Bill (FL)  
 Kemp, Jack F. (NY)  
 Regula, Ralph S. (OH)  
 Burgener, Clair W. (CA)

O'Brien, George M. (IL)  
 Smith, Virginia (NE)  
 Rudd, Eldon (AZ)  
 Pursell, Carl D. (MI)  
 Edwards, Mickey (OK)  
 Livingston, Robert L. (LA)  
 Green, S. William (NY)  
 Loeffler, Thomas G. (TX)  
 Lewis, Jerry (CA)  
 Campbell, Carroll A. Jr. (SC)  
 Porter, John Edward (IL)

# DEFENSE SUBCOMMITTEE

## Democrats

Addabbo, Joseph P. (NY) Chairman  
 Chappell, Bill Jr. (FL)  
 Murtha, John P. (PA)  
 Dicks, Norman D. (WA)

Wilson, Charles (TX)  
 Hefner, W.G. (Bill) (NC)  
 Ginn, Bo (GA)

## Republicans

Edwards, Jack (AL)  
 Robinson, J. Kenneth (VA)

McDade, Joseph M. (PA)  
 Young, C.W. Bill (FL)

# MILITARY CONSTRUCTION SUBCOMMITTEE

## Democrats

Ginn, Bo (GA) Chairman  
 Bevill, Tom (AL)  
 Hefner, W.G. (Bill) (NC)  
 Addabbo, Joseph P. (NY)

Long, Clarence D. (MD)  
 Chappell, Bill Jr. (FL)  
 Alexander, Bill (AR)

## Republicans

Regula, Ralph S. (OH)  
 Burgener, Clair W. (CA)

Edwards, Mickey (OK)  
 Loeffler, Thomas G. (TX)



# SENATE ARMED SERVICES COMMITTEE

## Republicans

Tower, John G. (TX) Chairman  
Thurmond, Strom (SC)  
Goldwater, Barry (AZ)  
Warner, John W. (VA)  
Humphrey, Gordon J. (NH)

Cohen, William S. (ME)  
Jepsen, Roger W. (IA)  
Quayle, Dan (IN)  
Denton, Jeremiah (AL)

## Democrats

Stennis, John C. (MS)  
Jackson, Henry M. (WA)  
Cannon, Howard W. (NV)  
Byrd, Harry F. Jr. (VA)

Nunn, Sam (GA)  
Hart, Gary W. (CO)  
Exon, J. James (NE)  
Levin, Carl (MI)

## SASC SUBCOMMITTEES

### REPUBLICANS

### DEMOCRATS

#### Military Construction and Stockpiles

Thurmond, Strom (SC) Chairman  
Warner, John W. (VA)  
Humphrey, Gordon J. (NH)  
Denton, Jeremiah (AL)

Hart, Gary W. (CO)  
Jackson, Henry M. (WA)  
Cannon, Howard W. (NV)  
Exon, J. James (NE)

#### Tactical Warfare

Goldwater, Barry (AZ) Chairman  
Thurmond, Strom (SC)  
Warner, John W. (VA)  
Jepsen, Rodger W. (IA)

Cannon, Howard W. (NV)  
Byrd, Harry F. Jr. (VA)  
Levin, Carl (MI)

#### Strategic and Theater Nuclear Forces

Warner, John W. (VA) Chairman  
Thurmond, Strom (SC)  
Goldwater, Barry (AZ)  
Cohen, William S. (ME)  
Quayle, Dan (IN)

Jackson, Henry M. (WA)  
Cannon, Howard W. (NV)  
Nunn, Sam (GA)  
Hart, Gary W. (CO)  
Exon, J. James (NE)

#### Preparedness

Humphrey, Gordon J. (NH) Chairman  
Goldwater, Barry (AZ)  
Jepsen, Rodger W. (IA)

Levin, Carl (MI)  
Jackson, Henry M. (WA)

#### Sea Power and Force Projection

Cohen, William S. (ME) Chairman  
Humphrey, Gordon J. (NH)  
Quayle, Dan (IN)  
Denton, Jeremiah (AL)

Byrd, Harry F. Jr. (VA)  
Nunn, Sam (GA)  
Hart, Gary W. (CO)

## SASC SUBCOMMITTEES (CONT'D)

REPUBLICANSDEMOCRATSManpower and Personnel

Jepsen, Roger W. (IA) Chairman  
Cohen, William S. (ME)  
Quayle, Dan (IN)  
Denton, Jeremiah (AL)

Exon, J. James (NE)  
Byrd, Harry F. Jr. (VA)  
Nunn, Sam (GA)

# HOUSE ARMED SERVICES COMMITTEE

## Democrats

Price, Melvin (IL) Chairman  
Bennett, Charles E. (FL)  
Stratton, Samuel S. (NY)  
White, Richard C. (TX)  
Nichols, Bill (AL)  
Brinkley, Jack (GA)  
Mollohan, Robert H. (WV)  
Daniel, Dan (VA)  
Montgomery, G.V. (Sonny) (MS)  
Aspin, Les (WI)  
Dellums, Ronald V. (CA)  
Schroeder, Patricia (CO)  
Kazen, Abraham Jr. (TX)

Won Pat, Antonio B. (CU)  
McDonald, Larry (CA)  
Stump, Bob (AZ)  
Byron, Beverly B. (MD)  
Mavroules, Nicholas (MA)  
Bailey, Donald (PA) (Resigned 2/24/81)  
Hutto, Earl D. (FL)  
Skelton, Ike (MO)  
Leath, James M. (TX)  
McCurdy, Dave (OK)  
Foglietta, Thomas M. (PA)  
Dyson, Roy (MD)  
Hertel, Dennis M. (MI)

## Republicans

Dickinson, William L. (AL)  
Whitehurst, G. William (VA)  
Spence, Floyd (SC)  
Beard, Robin L. (TN)  
Mitchell, Donald J. (NY)  
Holt, Marjorie S. (MD)  
Daniel, Robert W. Jr. (VA)  
Hillis, Elwood (IN)  
Emery, David F. (ME)  
Trible, Paul S. Jr. (VA)

Badham, Robert E. (CA)  
Dougherty, Charles (PA)  
Courter, James A. (NJ)  
Hopkins, Larry J. (KY)  
Davis, Robert W. (MI)  
Kramer, Kenneth B. (CO)  
Hunter, Duncan L. (CA)  
Nelligan, James L. (PA)  
Hartnett, Thomas F. (SC)

# HASC SUBCOMMITTEES

## Subcommittee on Research & Development

### Democrats

Price, Melvin (IL) Chairman  
Mollohan, Robert H. (WV)  
Dellums, Ronald V. (CA)  
Schroeder, Patricia (CO)  
McDonald, Larry (CA)

Stump, Bob (AZ)  
Hutto, Earl D. (FL)  
White, Richard C. (TX)  
Nichols, Bill (AL)

### Republicans

Dickinson, William L. (AL)  
Courter, James A. (NJ)  
Beard, Robin L. (TN)  
Daniel, Robert W. Jr. (VA)

Emery, David F. (ME)  
Badham, Robert E. (CA)  
Davis, Robert W. (MI)

## HASC SUBCOMMITTEES (CONT'D)

### Subcommittee on Procurement & Military Nuclear Systems

#### Democrats

Stratton, Samuel S. (NY) Chairman	Leath, James M. (TX)
Byron, Beverly B. (MD)	McCurdy, Dave (OK)
Mavroules, Nicholas (MA)	Hertel, Dennis M. (MI)
Bailey, Donald (PA) (Resigned 2/24/81)	Price, Melvin (IL)

#### Republicans

Holt, Marjorie S. (MD)	Courter, James A. (NJ)
Hillis, Elwood (IN)	Kramer, Kenneth B. (CO)
Badham, Robert E. (CA)	Hunter, Duncan L. (CA)

### Subcommittee on Military Personnel & Compensation

#### Democrats

Nichols, Bill (AL) Chairman	Byron, Beverly B. (MD)
Montgomery, G.V. (Sonny) (MS)	Skelton, Ike (MO)
Aspin, Les (WI)	Bennett, Charles E. (FL)
Won Pat, Antonio B. (GU)	White, Richard C. (TX)

#### Republicans

Mitchell, Donald J. (NY)	Hopkins, Larry J. (KY)
Holt, Marjorie S. (MD)	Hunter, Duncan L. (CA)
Hillis, Elwood (IN)	Hartnett, Thomas F. (SC)

### Subcommittee on Readiness

#### Democrats

Daniel, Dan (VA) Chairman	Skelton, Ike (MO)
Schroeder, Patricia (CO)	Leath, James M. (TX)
Stump, Bob (AZ)	McCurdy, Dave (OK)
Bailey, Donald (PA) (Resigned 2/24/81)	

#### Republicans

Whitehurst, G. William (VA)	Hillis, Elwood (IN)
Dickinson, William L. (AL)	Nelligan, James L. (PA)
Spence, Floyd (SC)	

### Subcommittee on Seapower & Strategic & Critical Materials

#### Democrats

Bennett, Charles E. (FL) Chairman	Foglietta, Thomas M. (PA)
Molloyhan, Robert H. (WV)	Dyson, Roy (MD)
McDonald, Larry (GA)	Hertel, Dennis M. (MI)
Hutto, Earl D. (FL)	

#### Republicans

Spence, Floyd (SC)	Dougherty, Charles (PA)
Emery, David F. (ME)	Hartnett, Thomas F. (SC)
Tribble, Paul S. Jr. (VA)	

## HASC SUBCOMMITTEES (CONT'D)

### Subcommittee on Investigations

#### Democrats

White, Richard C. (TX) Chairman  
Mollohan, Robert H. (WV)  
Aspin, Les (WI)  
Kazen, Abraham Jr. (TX)

Mavroules, Nicholas (MA)  
Stratton, Samuel S. (NY)  
Brinkley, Jack (GA)  
Daniel, Dan (VA)

#### Republicans

Beard, Robin L. (TN)  
Daniel, Robert W. Jr. (VA)  
Badham, Robert E. (CA)

Hopkins, Larry J. (KY)  
Davis, Robert W. (MI)  
Nelligan, James L. (PA)

### Subcommittee on Military Installations & Facilities

#### Democrats

Brinkley, Jack (GA) Chairman  
Montgomery, G.V. (Sonny) (MS)  
Kazen, Abraham Jr. (TX)  
Won Pat, Antonio B. (GU)

Hutto, Earl D. (FL)  
Foglietta, Thomas M. (PA)  
Dyson, Roy (MD)  
Bennett, Charles E. (FL)

#### Republicans

Trible, Paul S. Jr. (VA)  
Whitehurst, G. William (VA)  
Mitchell, Donald J. (NY)

Dickinson, William L. (AL)  
Dougherty, Charles (PA)  
Kramer, Kenneth B. (CO)

## SENATE BUDGET COMMITTEE

### Republicans

Domenici, Pete V. (NM) Chairman  
Armstrong, William L. (CO)  
Kassenbaum, Nancy Landon (KS)  
Boschwitz, Rudolph E. (MN)  
Hatch, Orrin G. (UT)  
Tower, John (TX)

Andrews, Mark (ND)  
Symms, Steve (ID)  
Grassley, Charles E. (IA)  
Kasten, Robert W. Jr. (WI)  
Quayle, Dan (IN)  
Gorton, Slade (WA)

### Democrats

Hollings, Ernest F. (SC)  
Chiles, Lawton (FL)  
Biden, Joseph R. Jr. (DE)  
Johnston, J. Bennett (LA)  
Sasser, James R. (TN)

Hart, Gary (CO)  
Metzenbaum, Howard M. (OH)  
Riegle, Donald W. Jr. (MI)  
Moynihan, Daniel Patrick (NY)  
Exon, J. James (NE)

## HOUSE BUDGET COMMITTEE

### Democrats

Jones, James R. (OK) Chairman  
Wright, Jim (TX)  
Obey, David R. (WI)  
Simon, Paul (IL)  
Mineta, Norman Y. (CA)  
Mattox, Jim (TX)  
Solarz, Stephen J. (NY)  
Wirth, Timothy E. (CO)  
Panetta, Leon E. (CA)

Gephardt, Richard A. (MO)  
Nelson, Bill (FL)  
Aspin, Les (WI)  
Hefner, W. G. (Bill) (NC)  
Downey, Thomas J. (NY)  
Benjamin, Adam Jr. (IN)  
Donnelly, Brian J. (MA)  
Anthony, Beryl Jr. (AR)  
Gramm, Phil (TX)

### Republicans

Latta, Delbert L. (OH)  
Regula, Ralph (OH)  
Shuster, Bud (PA)  
Frenzel, Bill (MN)  
Kemp, Jack F. (NY)  
Martin, James G. (NC)

Trible, Paul S. Jr. (VA)  
Bethune, Ed (AR)  
Martin, Lynn (IL)  
Smith, Albert Lee Jr. (AL)  
Johnston, Eugene (NC)  
Fiedler, Bobbi (CA)

### Task Force on National Security and Veterans

#### Democrats

Mattox, Jim (TX) Chairman  
Jones, James R. (OK)  
Wright, Jim (TX)  
Simon, Paul (IL)

Hefner, W.G. (Bill) (NC)  
Downey, Thomas J. (NY)  
Gramm, Phil (TX)

#### Republicans

Shuster, Bud (PA)  
Kemp, Jack F. (NY)

Trible, Paul S. Jr.. (VA)  
Fiedler, Bobbi (CA)

# OFFICE OF THE SECRETARY OF THE AIR FORCE

## KEY PERSONNEL

SECRETARY OF THE AIR FORCE

Hon Verne Orr

UNDER SECRETARY OF THE AIR FORCE

Vacant

ASSISTANT SECRETARIES:

RESEARCH, DEVELOPMENT AND LOGISTICS

Hon Robert J. Hermann

MANPOWER, RESERVE AFFAIRS AND INSTALLATIONS

Mr. Joe F. Meis (Acting)

FINANCIAL MANAGEMENT

Mr. Willard H. Mitchell (Acting)

GENERAL COUNSEL

Mr. Stuart R. Reichart

DIRECTOR, LEGISLATIVE LIAISON

Maj Gen Guy L. Hecker, Jr.

DIRECTOR, PUBLIC AFFAIRS

Brig Gen Richard F. Abel

ADMINISTRATIVE ASSISTANT TO THE SECRETARY

Mr. Robert J. McCormick

DIRECTOR, SPACE SYSTEMS

Mr. Jimmie D. Hill

SPECIAL PROJECTS

Maj Gen John E. Kulpa, Jr.

# AIR STAFF KEY PERSONNEL

CHIEF OF STAFF  
General Lew Allen, Jr.

VICE CHIEF OF STAFF  
General Robert C. Mathis

ASSISTANT VICE CHIEF OF STAFF  
LtGen M. L. Boswell

CHIEF, OFFICE OF AIR FORCE HISTORY  
MajGen John W. Huston

CHAIRMAN, USAF SCIENTIFIC ADVISORY BOARD  
Dr. Raymond L. Bisplinghoff

SURGEON GENERAL  
LtGen Paul W. Myers

CHIEF OF CHAPLAINS  
MajGen Richard Carr

THE JUDGE ADVOCATE GENERAL  
MajGen T. B. Bruton

CHIEF OF AIR FORCE RESERVE  
MajGen Richard Bodycombe

CHIEF OF AIR NATIONAL GUARD  
MajGen John T. Guice

ASSISTANT CHIEF OF STAFF, INTELLIGENCE  
MajGen John B. Marks

ASSISTANT CHIEF OF STAFF, STUDIES AND ANALYSES  
BrigGen Robert A. Rosenberg

DIRECTOR OF ADMINISTRATION  
Col Van L. Crawford

CHIEF MASTER SERGEANT OF THE AIR FORCE  
Chief Master Sergeant James M. McCoy

CHIEF SCIENTIST  
Dr. Edwin B. Stear

1947 ADMINISTRATIVE SUPPORT GROUP  
Col Kenneth C. Carey

COMPTROLLER OF THE AIR FORCE  
LtGen Hans H. Driessnack

DEPUTY COMPTROLLER  
Mr. J. P. Popple

ASSISTANT COMPTROLLER FOR ACCOUNTING AND FINANCE  
MajGen George C. Lynch

DIRECTOR OF BUDGET  
MajGen G. M. Browning

DIR OF COMPUTER RESOURCES  
BrigGen Avon C. James

DIR OF COST AND MANAGEMENT ANALYSIS  
Col Donald G. Kane

DEPUTY CHIEF OF STAFF MANPOWER AND PERSONEL  
LtGen A. P. Iosue

ASSISTANT DEPUTY CHIEF OF STAFF  
MajGen H. L. Emanuel

DIRECTOR OF MANPOWER AND ORGANIZATION  
Brig Gen Keith D. McCartney

DIRECTOR OF PERSONNEL PLANS  
MajGen William R. Usher

DIRECTOR OF PERSONNEL PROGRAMS  
MajGen Mele Vojodich, Jr.

DIRECTOR OF CIVILIAN PERSONNEL  
Mr. J. Craig Cumbey

DEPUTY CHIEF OF STAFF, PROGRAMS AND EVALUATION  
LtGen Charles C. Blanton

ASSISTANT DEPUTY CHIEF OF STAFF  
Vacant

DIRECTOR OF PROGRAMS  
MajGen W. Campbell

DIRECTOR OF INTERNATIONAL PROGRAMS  
MajGen R. V. Secord

THE INSPECTOR GENERAL  
LtGen Howard W. Leaf

DEPUTY INSPECTOR GENERAL  
Col Frank D. Hardee

DEPUTY INSPECTOR GENERAL FOR INSPECTION AND SAFETY  
MajGen Harry Falls, Jr.

DEPUTY CHIEF OF STAFF RESEARCH, DEVELOPMENT AND ACQUISITION  
LtGen Kelly J. Burke

ASSISTANT DEPUTY CHIEF OF STAFF  
MajGen J. R. Brickel

DIRECTOR OF DEVELOPMENT AND PRODUCTION  
MajGen J. H. Marshall

DIRECTOR OF OPERATIONAL REQUIREMENTS  
MajGen R. D. Russ

DIRECTOR OF SPACE SYSTEMS AND COMMAND CONTROL COMMUNICATIONS  
BrigGen R. H. Jacobson



# AIR STAFF KEY PERSONNEL

## KEY PERSONNEL

(CON'T)

DIRECTOR OF CONTRACTING AND ACQUISITION POLICY  
BrigGen J. H. Connolly

DIRECTOR OF PROGRAM INTEGRATION  
BrigGen Milton R. Peterson

DEPUTY CHIEF OF STAFF OPERATIONS, PLANS AND READINESS  
LtGen Jerome F. O'Malley

ASSISTANT DEPUTY CHIEF OF STAFF  
MajGen George D. Miller

DIRECTOR OF PLANS  
MajGen Emil N. Block, Jr.

DIRECTOR OF OPERATIONS AND READINESS  
MajGen J. T. Chain, Jr.

DIRECTOR OF ELECTROMAGNETIC COMBAT  
BrigGen William L. Kirk

DIRECTOR OF COMMAND CONTROL AND TELECOMMUNICATIONS  
BrigGen William G. Mac Laren, Jr.

DEPUTY CHIEF OF LOGISTICS AND ENGINEERING  
LtGen B. M. Minter

ASSISTANT DEPUTY CHIEF OF STAFF  
MajGen M. C. Fulcher

DIRECTOR OF TRANSPORTATION  
BrigGen G. B. Powers, Jr.

DIRECTOR OF LOGISTICS PLANS AND PROGRAMS  
MajGen T. D. Broadwater

DIRECTOR OF ENGINEERING AND SERVICES  
MajGen William D. Gilbert

DIRECTOR OF MAINTENANCE AND SUPPLY  
MajGen Lawrence D. Garrison

# USAF MAJCOMs & SOAs

## (MAJOR ORGANIZATIONAL COMMANDERS)

### ALASKAN AIR COMMAND

Commander

LtGen W.W. Scott, Jr.

### AEROSPACE DEFENSE COMMAND

Commander

Air Defense Weapons Center  
20th NORAD Region\*  
21st NORAD Region\*  
22nd NORAD Region\*

LtGen J.V. Hartinger  
BrigGen R.H. Reed  
BrigGen P.D. Wagoner  
BrigGen A.L. Ferguson  
MajGen D.W. McNichol

23rd NORAD Region\*  
24th NORAD Region\*  
25th NORAD Region\*  
26th NORAD Region\*

BrigGen C.F. Bishop  
BrigGen M.E. Davis  
BrigGen Harold W. Todd  
BrigGen Thomas W. Sawyer

\* TAC Resource

### AIR FORCE AUDIT AGENCY

Auditor General  
Commander/Deputy Aud General

Mr. J.H. Stolarow  
Col D. Lynn Rans

Assistant Auditor General  
(HQ USAF)

Col B.H. Pflumm

### AIR FORCE ACCOUNTING AND FINANCE CENTER

Director Accounting and  
Finance/Commander

MajGen G.C. Lynch

Deputy Director  
Asst Director (HQ USAF)

Mr. John K. Scott  
LtCol R.L. Collier

### AIR FORCE COMMUNICATIONS COMMAND

Commander  
Pacific Communications Area  
Tactical Communications Area  
Strategic Communications Area

MajGen Robert T. Herres  
Col Samuel J. Greene  
Col Duncan W. Campbell  
MajGen J.T. Randerson

European Communications Area  
Northern Communications Area  
Southern Communications Area

BrigGen John P. Hyde  
BrigGen R.W. Pryor  
Col David B. Bartholomew

### AIR FORCE INSPECTION AND SAFETY CENTER

Commander

MajGen Harry Falls, Jr.

### AIR FORCE LOGISTICS COMMAND

Commander  
Ogden Air Logistics Center  
Oklahoma City ALC

Gen Bryce Poe, II  
MajGen John J. Murphy  
MajGen Jav T. Edwards, III

Sacramento ALC  
San Antonio ALC  
Warner Robins ALC

MajGen Dewey K.K. Lowe  
MajGen Earl T. O'Loughlin  
MajGen John R. Paulk

### AIR FORCE MANPOWER AND PERSONNEL CENTER

Commander  
Civilian Personnel Operations

MajGen Kenneth L. Peek, Jr.  
Mr. Howard E. Prather

# USAF MAJCOMs & SOAs

## (MAJOR ORGANIZATIONAL COMMANDERS)

### (Continued)

#### AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS

Commander                      Col Richard S. Beyea, Jr.

#### AIR FORCE SYSTEMS COMMAND

Commander	Gen R.T. Marsh	AF Contract Management Division	BrigGen J.C. Dever, Jr.
Aeronautical Systems Division	LtGen L.A. Skantze	Foreign Technology Division	Col H.E. Wright
Electronics Systems Division	LtGen J.W. Stansberry	Arnold Engineering Development Center	Col M.H. Alexander
Space Division	LtGen R.C. Henry	Armament Division	MajGen R.M. Bond
Aerospace Medical Division	MajGen John W. Ord	AF Engineering and Service Center	Col J.T. Cunningham
Space & Missile Test Center	BrigGen W.T. Twinting		
AF Flight Test Center	MajGen P.J. Conley, Jr.		

#### AIR FORCE COMMISSARY SERVICE

Commander                      MajGen C.E. Woods

#### AIR FORCE TEST AND EVALUATION CENTER

Commander                      MajGen Wayne E. Whitlach

#### AIR FORCE RESERVE

Commander                      MajGen R. Bodycombe

#### AIR RESERVE PERSONNEL CENTER

Commander                      Col James F. Egbert

#### AIR TRAINING COMMAND

Commander	Gen B.L. Davis	Air University	LtGen S.M. Umstead
AF Military Training Center	MajGen W.P. Acker	Air War College	MajGen D.L. Gray
USAF Recruiting Services	BrigGen T.C. Richards	AF Institute of Technology	MajGen S.H. Sherman, Jr.
Chanute TTC	MajGen N.E. Brown	Air Command Staff College	BrigGen R.A. Ingram
Keesler TTC	MajGen D.H. Payne	AF Reserve Officers Training Corps	MajGen D.B. Easson
Sheppard TTC	MajGen Harry A. Morris	Squadron Officers School	BrigGen C.F. Dreyer, Jr.
Lowry TTC	MajGen W.B. Maxon		

# USAF MAJCOMs & SOAs

## (MAJOR ORGANIZATIONAL COMMANDERS)

### (Continued)

#### MILITARY AIRLIFT COMMAND

Commander	Gen R.E. Huyser	Air Weather Service	BrigGen A.J. Kaehn, Jr.
21st Air Force	MajGen T.M. Sadler	Aerospace Audio-Visual	
22nd Air Force	MajGen R.F. Coverdale	Service	Col J.D. Elmer
Aerospace Rescue and Recovery Service		76th Airlift Wing	BrigGen A.L. Durham
	MajGen C. Nugteren		

#### PACIFIC AIR FORCE

Commander	LtGen J.D. Hughes	313th Air Division	BrigGen T.G. McInerney
5th Air Force	LtGen W.H. Ginn, Jr.	314th Air Division	MajGen F.A. Haeffner
13th Air Force	MajGen J.R. Hildreth		

#### STRATEGIC AIR COMMAND

Commander	Gen R.H. Ellis	40th Air Division	BrigGen R.E. Messerli
8th Air Force	LtGen E.S. Harris, Jr.	42nd Air Division	BrigGen R.F. Wacker
3rd Air Division	BrigGen Stanley C. Beck	12th Air Division	BrigGen D.B. Sullivan
15th Air Force	LtGen J.P. Mullins	14th Air Division	BrigGen M.W. Hatch
1st Strategic Aerospace Division		47th Air Division	BrigGen Regis F.A. Urschler
19th Air Division	MajGen J.L. Watkins	4th Air Division	BrigGen D.L. Patton
45th Air Division	BrigGen L.E. Buzard	57th Air Division	BrigGen J.A. Shaud
	BrigGen G.D. Larson		

#### TACTICAL AIR COMMAND

Commander	Gen W.L. Creech	USAF Tactical Fighter	
9th Air Force	LtGen A.W. Braswell	Weapons Center	MajGen R.E. Kelley
12th Air Force	LtGen W.R. Nelson	USAF Southern Air Division	MajGen W.E. Materson
USAF Tactical Air Warfare Center			
	MajGen G.J. Carey, Jr.		

#### UNITED STATES AIR FORCE ACADEMY

Superintendent	LtGen K.L. Tallman	Commandant of Cadets	BrigGen R.D. Beckel
Dean of the Faculty	BrigGen W.A. Orth		

#### UNITED STATES AIR FORCES IN EUROPE

Commander	Gen C.A. Gabriel	16th Air Force	LtGen W.D. Druen, Jr.
3rd Air Force	MajGen R.A. Bazley	17th Air Force	MajGen W.E. Brown, Jr.

#### ELECTRONIC SECURITY COMMAND

Commander	MajGen Doyle E. Larson
-----------	------------------------

#### AIR FORCE MANAGEMENT ENGINEERING AGENCY

Commander	Col Robert Edgell
-----------	-------------------

